# Project3_API

*Team*

*October 18, 2016*

## INTRODUCTION

**Team LeaderShron Morris**

| Team member (based on last names) | |
| --- | --- |
| Judd Anderman | Marco Siqueira Campos |
| Ka Man Chan | Talha Muhammad |
| Bin Lin | Yefei Li |
| Scott Ogden | Jose Zuniga |

For Project 3, we're using data to answer the question,"which are the most valued data science skills?" As a team, we want to determine whether soft skills (collaborative, teamwork...) or technical skills are more importantfor data science leadership roles

**Our Approach**

- The Skills
- The Market
- The Leaders

our approach is to first determine which resources we can use to collect the data, and how to scrap it. Then we perfrom data cleaning, tidying and transformations, and provide data analysis. Finally, we provide further explanation based on the visual and draw the conclusion.

## DATA COLLECTION

We mainly focus on 3 different methods to collect data and determine what valuable data siecen skills might be.

**Method 1: Which skills?** + Identified skills by scraping web data from kdnuggets.com and retrieved 80+ skills from 9 articles identifying data science skills

**Method 2: How are skills valued on the market?** + Used API from Dice.com, querying skill set from kdnuggets and retrieved first 50 job postings for each skill

**Method 3: Which skills do Data Science leaders have?** + Scraped skills from Linkedin profiles of data science leaders ID'd by KDnuggets and LinkedIn Retrieved ~650 unique skills from 43 user profiles

**Data from KDNuggets** Doing Web Scrapping for the Data Scientists' Skill Set Sources: http://www. kdnuggets.com KDnugget is a leading site on Business Analytics, Big Data, Data Mining, and Data Science, and is managed by Gregory Piatetsky-Shapiro, a leading expert in the field.

```r
list.of.packages <- c("rvest","plyr","stringr")
new.packages <- list.of.packages[!(list.of.packages %in% installed.packages()[,"Package"])]
if(length(new.packages)) install.packages(new.packages)

library(rvest)
```

```
## Loading required package: xml2
```

```r
library(plyr)
library(stringr)

#################################################################################################
# Dataframe 1
# How to Become a Data Scientist
# Filtered by <Strong></Strong>

DSS1={}

Pages = c("http://www.kdnuggets.com/2016/08/become-data-scientist-part-1.html",
          "http://www.kdnuggets.com/2016/08/become-data-scientist-part-1.html/2",
          "http://www.kdnuggets.com/2016/08/become-data-scientist-part-1.html/3",
          "http://www.kdnuggets.com/2016/08/become-data-scientist-part-1.html/4"
        )

for(i in 1:4){
  Data_Science_Skills =read_html(Pages[i])
  Skill=Data_Science_Skills %>%   html_nodes("strong") %>% html_text()
  DSS1 <- rbind(DSS1,data.frame(Skill))
  }
DSS1<-subset(DSS1, Skill!="Next post" & Skill!="Previous post")
DSS1
```

```
##                                        Skill
## 3                     Owning Up To The Title
## 4                          1. Problem Solving
## 5             2. Statistics / Machine Learning
## 10                                3. Computing
## 11                          4. Data Wrangling
## 12                     5. Tools and Technology
## 13         6. Communication / Business Acumen
## 14                                  Rock Stars
## 19               Other Scientific Disciplines
## 20                                  Statistics
## 25 Computer Science / Software Engineering
```

```
## 26                               Mathematics
## 27                             The Blank Canvas
##############################################################################
# Dataframe 2
# 10 Must Have Data Science Skills, Updated
# Filtered by <p><b></b></p>

DSS2={}

Pages = c("http://www.kdnuggets.com/2016/05/10-must-have-skills-data-scientist.html",
          "http://www.kdnuggets.com/2016/05/10-must-have-skills-data-scientist.html/2"
         )
for(i in 1:2){
  Data_Science_Skills =read_html(Pages[i])
  Skill=Data_Science_Skills %>%   html_nodes("p") %>% html_nodes("b") %>% html_text()
  DSS2 <- rbind(DSS2,data.frame(Skill))
  }
DSS2<-subset(DSS2, Skill!="Next post" & Skill!="Previous post" & Skill!="Additional Resources" & Skill!=
DSS2

##                                                        Skill
## 1                                             1. Education
## 4                                     2. Intellectual Curiosity
## 5                            3. Domain Knowledge/Business Acumen
## 6                                     4. Communication Skills
## 7                                     5. Career Mapping/Goals
## 9                                             6. Coding Skills
## 11                         7. Machine Learning/Data Mining Skills
## 12 8. Big Data Processing Platforms: Hadoop, Spark, Flink, etc.
## 13                                     9. Structured Data (SQL)
## 14                       10. Unstructured Data (3-5 top NoSQL DBs)
##############################################################################
# Dataframe 3
# 3 ways to become a better Data Scientist
# Filtered by <p><em></em></p>

DSS3={}

Pages = c("http://www.kdnuggets.com/2016/04/odsc-east-2016-journey-data-scientist.html")
for(i in 1:1){
  Data_Science_Skills =read_html(Pages[i])
  Skill=Data_Science_Skills %>%   html_nodes("p") %>% html_nodes("em") %>% html_text()
  DSS3 <- rbind(DSS3,data.frame(Skill))
  }
DSS3

##                          Skill
## 1                     Knowledge
## 2 Open Source data science tools
## 3                      Exposure
##############################################################################
# Dataframe 4
# Software development skills for data scientists
```

```r
# Filtered by <h3></h3>

DSS4={}

Pages = c("http://www.kdnuggets.com/2015/12/software-development-skills-data-scientists.html")
for(i in 1:1){
  Data_Science_Skills =read_html(Pages[i])
  Skill=Data_Science_Skills %>%   html_nodes("h3") %>% html_text()
  DSS4 <- rbind(DSS4,data.frame(Skill))
}
DSS4<-subset(DSS4, Skill!="Latest News, Stories" & Skill!="Conclusion" & Skill!="More Recent Stories")
DSS4
```

```
##                            Skill
## 2 Writing modular, reusable code
## 3     Documentation / commenting
## 4                Version control
## 5                        Testing
## 6                        Logging
```

```r
###############################################################################################
# Dataframe 5
# Practical skills that practical data scientists need
# Filtered by <h4></h4>

DSS5={}

Pages = c("http://www.kdnuggets.com/2016/05/practical-skills-practical-data-scientists-need.html")
for(i in 1:1){
  Data_Science_Skills =read_html(Pages[i])
  Skill=Data_Science_Skills %>%   html_nodes("h4") %>% html_text()
  DSS5 <- rbind(DSS5,data.frame(Skill))
  }
DSS5
```

```
##                                                                    Skill
## 1 The most important skill: being able to understand the business and the problem
## 2                                              Understanding the data
## 3                                                          SQL skills
## 4                                                   Basic math skills
## 5                                    Slightly more advanced math concepts
```

```r
###############################################################################################
# Dataframe 6
# Unicorn Data Scientists vs Data Science Teams
# Filtered by class="three_ul" and <li></li>"

DSS6={}

Pages = c("http://www.kdnuggets.com/2013/12/unicorn-data-scientists-vs-data-science-teams-discussion.html")
for(i in 1:1){
  Data_Science_Skills =read_html(Pages[i])
  Skill=Data_Science_Skills %>%   html_nodes(css=".three_ul") %>% html_nodes("li") %>% html_text()
  Skill=str_replace(Skill,"\n","")
  DSS6 <- rbind(DSS6,data.frame(Skill))
```

```
}
DSS6<-subset(DSS6, Skill!=" etc.")
DSS6
```

```
##
## 1     Advanced Analysis - Math, Stats, Pattern Recognition/Learning, Uncertainty, Data Mining,Visualiza
## 2         Computer Systems - Advanced Computing, High Performance Computing, Data Mining, Visualization
## 3                                        Data Bases - Data Engineering, Data Warehou
## 4                                              Basic CS, Software Development, T
## 5                                        Data Engineering (Distributed Computing, o
## 6                                  Scientific Training, Mathematics, Modeling, T
## 7                                                        Machine Lear
## 8                                                        Business Analy
## 9                                        Graph Mining / Network Intelli
## 10                                       Text Mining / Information Retri
## 11                                                       Data Visualiza
## 13                                                                  Fi
## 14                                                    Consumer Inte
## 15                                                          Oil &
## 16                                                    Bioinforma
## 17                                                          Phy
## 18                                                    Adverti
```

```
##################################################################################
# Dataframe 7
# 9 Must-Have Skills You Need to Become a Data Scientist
# Filtered by class="three_ol" and <strong></strong>"

DSS7={}

Pages = c("http://www.kdnuggets.com/2014/11/9-must-have-skills-data-scientist.html")
for(i in 1:1){
  Data_Science_Skills =read_html(Pages[i])
  Skill=Data_Science_Skills %>%   html_nodes(css=".three_ol") %>% html_nodes("strong") %>% html_text()
  Skill=str_replace(Skill,"\n","")
  DSS7 <- rbind(DSS7,data.frame(Skill))
}
DSS7<-subset(DSS7, Skill!=" etc." & Skill!="Advanced Degree" & Skill!="MOOCs" & Skill!="Certifications"
DSS7
```

```
##                                                Skill
## 1                                            Education
## 2                                          SAS and/or R
## 3                                         Python Coding
## 4                                        Hadoop Platform
## 5                                      SQL Database/Coding
## 6                                        Unstructured data
## 7                                    Intellectual curiosity
## 8                                          Business acumen
## 9                                     Communication skills
## 17 The Burtch Works Study: Salaries of Data Scientists
```

```
##################################################################################
# Dataframe 8
# Data Science Skills for 2016
```

```
# Filtered by  <p> and <strong></strong>"

DSS8={}

Pages = c("http://www.kdnuggets.com/2016/02/data-science-skills-2016.html")
for(i in 1:1){
  Data_Science_Skills =read_html(Pages[i])
  Skill=Data_Science_Skills %>%   html_nodes("p") %>% html_nodes("strong") %>% html_text()
  DSS8 <- rbind(DSS8,data.frame(Skill))
}
DSS8<-subset(DSS8, Skill!=" Fig 1.  Most Common Data Science Job skills, according to Crowdflower" & Sk
DSS8
```

```
##                                                                    Skill
## 1                                                                    SQL
## 2   Fig 1.  Most Common Data Science Job skills, according to Crowdflower
## 3                                                       Data Visualization
## 4                                                      Communication Skills
## 5                                                                   Hadoop
## 6                                                                    Spark
## 7                                                                   Python
## 8                                                                Statistics
## 9                                                                        R
## 10                                                                Creativity
```

```
###############################################################################################
# Dataframe 9
# How to become a Data Scientist for Free
# Filtered by <h3></h3>"

DSS9={}

Pages = c("http://www.kdnuggets.com/2015/08/how-become-data-scientist-free.html")
for(i in 1:1){
  Data_Science_Skills =read_html(Pages[i])
  Skill=Data_Science_Skills %>%   html_nodes("h3") %>% html_text()
  DSS9 <- rbind(DSS9,data.frame(Skill))
}
DSS9<-subset(DSS9, Skill!="Latest News, Stories" & Skill!="More Recent Stories")
DSS9
```

```
##               Skill
## 2          1. Python
## 3 2. Machine Learning
## 4       3. R Language
## 5         4. Big Data
## 6       5. Statistics
## 7      6. Data Mining
## 8              7. SQL
## 9             8. Java
```

```
###############################################################################################
# Combined all 9 Dataframe into 1

DSS10=rbind.fill(DSS1,DSS2,DSS3,DSS4,DSS5,DSS6,DSS7,DSS8,DSS9)
```

```
DSS10

## 
## 1                                                                     Owning Up To The
## 2                                                                  1. Problem So
## 3                                                    2. Statistics / Machine Lea
## 4                                                                     3. Comp
## 5                                                                4. Data Wran
## 6                                                        5. Tools and Techn
## 7                                              6. Communication / Business A
## 8                                                                          Rock
## 9                                             Other Scientific Discip
## 10                                                                        Stati
## 11                                     Computer Science / Software Engine
## 12                                                                    Mathem
## 13                                                       The Blank C
## 14                                                             1. Educ
## 15                                                     2. Intellectual Curi
## 16                                          3. Domain Knowledge/Business A
## 17                                                    4. Communication S
## 18                                                     5. Career Mapping,
## 19                                                          6. Coding S
## 20                                            7. Machine Learning/Data Mining S
## 21                        8. Big Data Processing Platforms: Hadoop, Spark, Flink
## 22                                                  9. Structured Data
## 23                                        10. Unstructured Data (3-5 top NoSQL
## 24                                                                      Know
## 25                                              Open Source data science
## 26                                                                        Exp
## 27                                            Writing modular, reusable
## 28                                            Documentation / comme
## 29                                                  Version co
## 30                                                                        Te
## 31                                                                        Le
## 32              The most important skill: being able to understand the business and the pr
## 33                                                     Understanding the
## 34                                                                    SQL a
## 35                                                            Basic math s
## 36                                            Slightly more advanced math co
## 37   Advanced Analysis - Math, Stats, Pattern Recognition/Learning, Uncertainty, Data Mining,Visualiza
## 38       Computer Systems - Advanced Computing, High Performance Computing, Data Mining, Visualization
## 39                                          Data Bases - Data Engineering, Data Warehou
## 40                                                Basic CS, Software Development, T
## 41                                        Data Engineering (Distributed Computing, e
## 42                                        Scientific Training, Mathematics, Modeling, T
## 43                                                                Machine Lear
## 44                                                                Business Analy
## 45                                            Graph Mining / Network Intellig
## 46                                            Text Mining / Information Retri
## 47                                                        Data Visualiza
## 48                                                                        Fir
## 49                                                     Consumer Inte
## 50                                                                    Oil &
## 51                                                                    Bioinforma
```

```
## 52                                                                    Phy
## 53                                                              Adverti
## 54                                                                 Educ
## 55                                                            SAS and
## 56                                                          Python (
## 57                                                        Hadoop Pla
## 58                                                      SQL Database/(
## 59                                                    Unstructured
## 60                                                Intellectual curic
## 61                                                    Business ac
## 62                                              Communication s
## 63                          The Burtch Works Study: Salaries of Data Scier
## 64
## 65               Fig 1.  Most Common Data Science Job skills, according to Crowdi
## 66                                                        Data Visualiz
## 67                                                    Communication S
## 68                                                                  I
## 69
## 70                                                                  I
## 71                                                              Stati
## 72
## 73                                                            Creat
## 74                                                          1.  I
## 75                                                    2. Machine Lea
## 76                                                        3. R Lar
## 77                                                          4. Big
## 78                                                        5. Stati
## 79                                                      6. Data I
## 80                                                                  -
## 81                                                          8
```

```r
# Introduction
# Passing 107 Skill set to Dice.com API to get the job title, company name

# JSON :

json_file=c(

"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Owning Up To The Title",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Problem Solving",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Statistics",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Machine Learning",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Computing",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Data Wrangling",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Tools and Technology",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Communication",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Business Acumen",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Rock Stars",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Other Scientific Disciplines",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Statistics",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Computer Science",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Software Engineering",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Mathematics",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=The Blank Canvas",
```

```
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Education",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Intellectual Curiosity",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Domain Knowledge",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Communication Skills",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Career Mapping",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Goals",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Coding Skills",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Data Mining Skills",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Big Data Processing Platforms",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Hadoop",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Spark",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Flink",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Structured Data (SQL)",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Unstructured Data (3-5 top NoSQL DBs)"
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Knowledge",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Open Source data science tools",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Exposure",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Writing modular",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=reusable code",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Documentation",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=commenting",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Version control",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Testing",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Logging",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=understand the business and the problem",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Understanding the data",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=SQL skills",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Basic math skills",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Slightly more advanced math concepts",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Advanced Analysis",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Math",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Stats",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Pattern Recognition/",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Learning",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Uncertainty",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Computer Systems",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Advanced Computing",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=High Performance Computing",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Data Mining",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Data Bases",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Data Engineering",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Data Warehousing.",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Basic CS",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Software Development",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Tools",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Data Engineering",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Distributed Computing",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Scientific Training",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Mathematics",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Modeling",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Theory",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Machine Learning",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Business Analytics",
```

```
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Graph Mining",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Network Intelligence",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Text Mining",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Information Retrieval",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Data Visualization",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Finance",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Consumer Internet",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Oil & Gas",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Bioinformatics",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Physics",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Advertising",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Education",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=SAS",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Python Coding",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Hadoop Platform",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=SQL Database",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Coding",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Unstructured data",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Intellectual curiosity",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Business acumen",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Communication skills",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=SQL",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Data Visualization",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Communication Skills",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Hadoop",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Spark",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Python",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Statistics",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=R",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Creativity",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Python",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Machine Learning",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=R Language",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Big Data",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Statistics",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Data Mining",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=SQL",
"http://service.dice.com/api/rest/jobsearch/v1/simple.json?skill=Java"
)
length(json_file)
```

```
## [1] 107
```

```
list.of.packages <- c("XML","RCurl","jsonlite", "methods")
new.packages <- list.of.packages[!(list.of.packages %in% installed.packages()[,"Package"])]
if(length(new.packages)) install.packages(new.packages)

library(XML)
```

```
##
## Attaching package: 'XML'
```

```
## The following object is masked from 'package:rvest':
##
##     xml
```

```r
library(RCurl)
```

```
## Loading required package: bitops
```

```r
library(jsonlite)
library("methods")

# Read  records from the JSON and export to CSV
for(i in 1 : length(json_file)){

  jsondoc <- fromJSON(txt=json_file[i])

  Report=paste("Count: ", jsondoc$count, " ", json_file[i])

  write.table(Report, file = "C:\\Users\\TAX\\Desktop\\API_COUNT.csv", append = TRUE, quote = TRUE, sep
              eol = "\n", na = "NA", dec = ".", row.names = TRUE,
              col.names = TRUE, qmethod = c("escape", "double"),
              fileEncoding = "")

  write.table(jsondoc, file = "C:\\Users\\TAX\\Desktop\\API_Job.csv", append = TRUE, quote = TRUE, sep
              eol = "\n", na = "NA", dec = ".", row.names = TRUE,
              col.names = TRUE, qmethod = c("escape", "double"),
              fileEncoding = "")
  print(jsondoc)
}
```

```
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file
```

```
## Warning in write.table(jsondoc, file = "C:\\Users\\TAX\\Desktop\
## \API_Job.csv", : appending column names to file
```

```
## $count
## [1] 2281
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Owning+Up+To+The+Title&city=&
##
## $resultItemList
##                                                          detailUrl
## 1  http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2            http://www.dice.com/job/result/10110732/743967?src=19
## 3       http://www.dice.com/job/result/cybercod/RK1-13240836?src=19
## 4         http://www.dice.com/job/result/10310772/1072269-798?src=19
## 5       http://www.dice.com/job/result/micca003/JO#AA5132PMPP?src=19
## 6            http://www.dice.com/job/result/10285720a/22442?src=19
## 7             http://www.dice.com/job/result/cybersea/5599?src=19
## 8            http://www.dice.com/job/result/tsrny/16-00861?src=19
## 9           http://www.dice.com/job/result/10116608/14945?src=19
```

```
## 10                    http://www.dice.com/job/result/armada/7862?src=19
## 11             http://www.dice.com/job/result/90833617/520008?src=19
## 12              http://www.dice.com/job/result/10116861/12901?src=19
## 13          http://www.dice.com/job/result/10371697/9272016-512?src=19
## 14      http://www.dice.com/job/result/cybercod/RR2-132303511?src=19
## 15              http://www.dice.com/job/result/10285720a/15624?src=19
## 16      http://www.dice.com/job/result/cybercod/RR2-131706236?src=19
## 17                http://www.dice.com/job/result/agsinc/268970?src=19
## 18              http://www.dice.com/job/result/10122753/94648?src=19
## 19          http://www.dice.com/job/result/10100347/16000A3J?src=19
## 20              http://www.dice.com/job/result/10285720a/22516?src=19
## 21          http://www.dice.com/job/result/10230239/2016-07-08?src=19
## 22             http://www.dice.com/job/result/10271304/727892?src=19
## 23            http://www.dice.com/job/result/10114756a/705697?src=19
## 24             http://www.dice.com/job/result/10117979/161777?src=19
## 25             http://www.dice.com/job/result/10117699/747612?src=19
## 26           http://www.dice.com/job/result/10229322/16-07116?src=19
## 27              http://www.dice.com/job/result/10285720a/21663?src=19
## 28              http://www.dice.com/job/result/tsrny/16-03760?src=19
## 29            http://www.dice.com/job/result/RTX11f570/713599?src=19
## 30      http://www.dice.com/job/result/cybercod/RE1-126726946?src=19
## 31           http://www.dice.com/job/result/10229323a/16-06639?src=19
## 32               http://www.dice.com/job/result/cybersea/5563?src=19
## 33              http://www.dice.com/job/result/10285720a/21697?src=19
## 34            http://www.dice.com/job/result/10198331/GA-51278?src=19
## 35          http://www.dice.com/job/result/10192364/S_Oracle_SCM?src=19
## 36            http://www.dice.com/job/result/RTX16d84d/717857?src=19
## 37      http://www.dice.com/job/result/cybercod/SE1-13254972?src=19
## 38             http://www.dice.com/job/result/90787500/746479?src=19
## 39 http://www.dice.com/job/result/eveva001/IDXL-SPM-082905?src=19
## 40                    http://www.dice.com/job/result/armada/7837?src=19
## 41             http://www.dice.com/job/result/compexpr/579726?src=19
## 42             http://www.dice.com/job/result/10376964/720845?src=19
## 43            http://www.dice.com/job/result/10106153/1600704?src=19
## 44              http://www.dice.com/job/result/10122753/94682?src=19
## 45             http://www.dice.com/job/result/amazon20/379606?src=19
## 46               http://www.dice.com/job/result/systel/741881?src=19
## 47                http://www.dice.com/job/result/aries/716344?src=19
## 48           http://www.dice.com/job/result/10229323a/16-06484?src=19
## 49             http://www.dice.com/job/result/10112774/16001476?src=19
## 50               http://www.dice.com/job/result/tsrny/16-03872?src=19
##                                                                       jobTitle
## 1                                                     Business/Systems Analyst
## 2                                                     Sr Sitecore Web Developer
## 3                       Senior Power Electronics Engineer -- Innovation Award Winner
## 4                                                                 JDE Developer
## 5                            Project Manager - eCommerce with Payment Processing
## 6                                                          IT Project Coordinator
## 7                                                                 WCS Architect
## 8                                                            Database Developer
## 9                                                          IT Specialist -14945
## 10                                                                UI Architect
## 11                                        Army Aviation (AVN) Scenario Developer
## 12                                         Sr Disaster Recovery/ Back-up Engineer
```

```
## 13                              SharePoint Lead - $100,000 to $120,000 - Detroit, Michigan
## 14                              Senior Software Engineer - C#, Javascript - Unlimited PTO!!
## 15                                                        Inside Sales Representative
## 16                              Sr. Java Developer - Spring/Hibernate - Career Growth
## 17                                                              Senior java developer
## 18                                                            Business System Analyst
## 19                              Senior Oracle Applications Developer (Mobile) - (16000A3J)
## 20                                                    Mailroom Clerk/ Administrative Clerk
## 21 RPG Synon developer with RPG Developer - Must Have Current Synon Project Expert
## 22                                                        Oracle CC&B for fulltime at CA
## 23                                                                Salesforce Developer
## 24                                                                     DevOps Engineer
## 25                                                          Kernel Automation Engineer
## 26                                              SAP PP-PI/GE Proficy Functional Analyst
## 27                                                                    Recruiter (TS/SCI)
## 28                                                      PeopleSoft HR Business Analyst
## 29                                              Software Development Project Manager (Mid)
## 30                                                                        HVAC Engineer
## 31                                                     Informatica Developer with HEDIS
## 32                                                                    Ratabase Developer
## 33                                                              Cloud Security Assessor
## 34                                                         HRA Senior Business Analyst
## 35                              Oracle SCM/Financial Developer with Strong Java Exp.
## 36                                                            Business Process Analyst
## 37                              REMOTE Software Development Manager - LAMP, Agile, Education!
## 38                                                                          P2P Analyst
## 39                                                             Senior Project Manager
## 40                                                             Java Platform Engineer
## 41                                                                    Software Engineer
## 42                                                          Customer Support Engineer
## 43                                                        Sr. ETL Developer - Snaplogic
## 44                                                               Epic Systems Analyst
## 45                                              Amazon Data Center Facility Manager
## 46                                                          Java Application Architect
## 47                                                                     Project Manager
## 48                                                                 Security Architect
## 49                                                          Technical Support Spec III
## 50                                                        Senior Recruiting Specialist
##                                          company              location
## 1                                            Volt      Jersey City, NJ
## 2                              UROOJ Corporation          Milford, CT
## 3                                     CyberCoders          Chicago, IL
## 4                     Beacon Hill Staffing Group, LLC     Marietta, GA
## 5                                     Mice Groups      Pittsburgh, PA
## 6                                    TAD PGS, Inc       Chantilly, VA
## 7                                Cybersearch, Ltd.         Austin, TX
## 8                     TSR Consulting Services, Inc.      New York, NY
## 9                               Camber Corporation    Fort Rucker, AL
## 10                                The Armada Group      Sunnyvale, CA
## 11                     Louisiana Economic Development     Fort Polk, LA
## 12                            Pratt Brown & Associates        Tampa, FL
## 13                     Nigel Frank International Inc.       Detroit, MI
## 14                                     CyberCoders          Tampa, FL
## 15                                    TAD PGS, Inc       Nashville, TN
```

```
## 16                                    CyberCoders            Austin, TX
## 17          Advent Global Solutions, Inc.          Cincinnati, OH
## 18                                          Ciber            Phoenix, AZ
## 19                          Sherwin-Williams          Cleveland, OH
## 20                             TAD PGS, Inc West Des Moines, IA
## 21                       Galax-Esystems Corp          Richardson, TX
## 22                          Net2Source Inc.           San Ramon, CA
## 23                                 Kelly IT             Chicago, IL
## 24                          Experian Limited            Franklin, TN
## 25            Tech Mahindra (Americas) Inc.       Mountain View, CA
## 26                          NTT DATA, Inc.            Milwaukee, WI
## 27                             TAD PGS, Inc            Chantilly, VA
## 28          TSR Consulting Services, Inc.       Philadelphia, PA
## 29          American Institutes for Research          Washington, DC
## 30                              CyberCoders          Binghamton, NY
## 31                          NTT DATA, Inc.           Washington, DC
## 32                        Cybersearch, Ltd.       Woodland Hills, CA
## 33                             TAD PGS, Inc              Laurel, MD
## 34            InfoSmart Technologies Inc              Atlanta, GA
## 35                     Data Intensity Inc.       New York City, NY
## 36                          DSFederal, Inc.            Rockville, MD
## 37                              CyberCoders            Lakewood, NJ
## 38               Talent Minds Network, Inc.          San Jose,, CA
## 39                             Idexcel Inc.             Seattle, WA
## 40                        The Armada Group           Sunnyvale, CA
## 41                            The CEI Group             Camden, NJ
## 42                             Ettain Group             Austin, TX
## 43                              iSpace, Inc             Burbank, CA
## 44                                    Ciber           Rochester, MN
## 45                                   Amazon           Sterling, VA
## 46                              Systel,Inc.             Detroit, MI
## 47             Aries Computer Systems, Inc.              Ankeny, IA
## 48                          NTT DATA, Inc.           Washington, DC
## 49 The Guardian Life Insurance Company Of America       Bethlehem, PA
## 50               TSR Consulting Services, Inc.              Boston, MA
##          date
## 1  2016-10-23
## 2  2016-10-21
## 3  2016-10-23
## 4  2016-10-23
## 5  2016-10-21
## 6  2016-10-23
## 7  2016-10-19
## 8  2016-10-14
## 9  2016-10-23
## 10 2016-10-23
## 11 2016-10-10
## 12 2016-09-28
## 13 2016-10-23
## 14 2016-10-23
## 15 2016-10-23
## 16 2016-10-23
## 17 2016-10-21
## 18 2016-10-23
```

```
## 19 2016-10-18
## 20 2016-10-23
## 21 2016-10-23
## 22 2016-10-21
## 23 2016-10-17
## 24 2016-10-23
## 25 2016-10-21
## 26 2016-10-21
## 27 2016-10-23
## 28 2016-10-14
## 29 2016-09-27
## 30 2016-10-23
## 31 2016-10-18
## 32 2016-10-19
## 33 2016-10-23
## 34 2016-10-21
## 35 2016-10-17
## 36 2016-09-29
## 37 2016-10-23
## 38 2016-10-21
## 39 2016-10-21
## 40 2016-10-23
## 41 2016-10-20
## 42 2016-10-13
## 43 2016-10-14
## 44 2016-10-23
## 45 2016-10-19
## 46 2016-10-20
## 47 2016-09-28
## 48 2016-10-18
## 49 2016-10-23
## 50 2016-10-18

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 148
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Problem+Solving&city=&text=&
##
## $resultItemList
##                                                       detailUrl
## 1     http://www.dice.com/job/result/10121151/WI-DOC-WPA1027?src=19
## 2      http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
```

```
## 3                    http://www.dice.com/job/result/10429942/744918?src=19
## 4                    http://www.dice.com/job/result/10280377/742206?src=19
## 5                   http://www.dice.com/job/result/RTX18f598/4736031?src=19
## 6      http://www.dice.com/job/result/10203417/1972_IncMngrIII?src=19
## 7                    http://www.dice.com/job/result/10116479/745352?src=19
## 8        http://www.dice.com/job/result/90925512/NAM00767-937?src=19
## 9                    http://www.dice.com/job/result/systemsp/376397?src=19
## 10                   http://www.dice.com/job/result/10116544/696417?src=19
## 11         http://www.dice.com/job/result/veredus/1066358-818?src=19
## 12                   http://www.dice.com/job/result/10112696/29856?src=19
## 13                   http://www.dice.com/job/result/10106153/D6591?src=19
## 14       http://www.dice.com/job/result/10105424/5794883-593?src=19
## 15                  http://www.dice.com/job/result/10429250/RS00189?src=19
## 16                  http://www.dice.com/job/result/RTX173fad/4729484?src=19
## 17                       http://www.dice.com/job/result/usts/642715?src=19
## 18                   http://www.dice.com/job/result/10319608/735440?src=19
## 19     http://www.dice.com/job/result/cybercod/SN2-131626838?src=19
## 20          http://www.dice.com/job/result/imssvs/12643X6563?src=19
## 21                   http://www.dice.com/job/result/90750116/658313?src=19
## 22                  http://www.dice.com/job/result/RTX1a7cce/740888?src=19
## 23     http://www.dice.com/job/result/cybercod/CCW-131368642?src=19
## 24                        http://www.dice.com/job/result/ALR/169208?src=19
## 25     http://www.dice.com/job/result/10124296/AppAnalyst_KB?src=19
## 26                       http://www.dice.com/job/result/hcl001/PM?src=19
## 27                   http://www.dice.com/job/result/10271304/742360?src=19
## 28     http://www.dice.com/job/result/cybercod/LW-1290828113?src=19
## 29          http://www.dice.com/job/result/ADVDSRCH/eeudm101?src=19
## 30     http://www.dice.com/job/result/10106409/5812857ProMgr?src=19
## 31              http://www.dice.com/job/result/infinia/43477?src=19
## 32       http://www.dice.com/job/result/10115109/2016-7564pp?src=19
## 33     http://www.dice.com/job/result/cybercod/RR2-132222416?src=19
## 34 http://www.dice.com/job/result/cxtacma/Advantage_2582-693?src=19
## 35                  http://www.dice.com/job/result/10112865/740131?src=19
## 36   http://www.dice.com/job/result/10106409/5208668ValProjC?src=19
## 37                   http://www.dice.com/job/result/10422463/712366?src=19
## 38                   http://www.dice.com/job/result/10113579/709234?src=19
## 39           http://www.dice.com/job/result/bisman/GM1006045?src=19
## 40           http://www.dice.com/job/result/RTX1b6d1a/4586134?src=19
## 41                   http://www.dice.com/job/result/10233327/561692?src=19
## 42                   http://www.dice.com/job/result/10180038/745305?src=19
## 43                   http://www.dice.com/job/result/10108900/933978?src=19
## 44                   http://www.dice.com/job/result/10441506/764142?src=19
## 45                   http://www.dice.com/job/result/90803211/728374?src=19
## 46                   http://www.dice.com/job/result/10113169/734128?src=19
## 47           http://www.dice.com/job/result/itca001/16-04717?src=19
## 48           http://www.dice.com/job/result/matlennj/721723?src=19
## 49           http://www.dice.com/job/result/itca001/16-08390?src=19
## 50           http://www.dice.com/job/result/RTX16cffb/4737270?src=19
##                                                                     jobTitle
## 1                                              WebSphere Portal Administrator
## 2                    Software Engineer - Programming, Blockchain Technology, bitcoin
## 3  Network Admin with AWS(Apache Hadoop OOZIE,Chef,AWS),Rate-Open Negotiable, 1 yr, Hillsboro,OR
## 4                                                    Senior Business Analyst (9098)
## 5                                                       Quality Assurance Tester
```

```
## 6                                                     Incident Manager III
## 7                                     HCM/Payroll/Benefits Technical Developer
## 8                          Reliability Engineer - Consumer Products Development
## 9                                        Senior Full Stack Software Developer
## 10                                    Network Security Engineer - (TX Locals only)
## 11                                       Digital Platform Support Manager
## 12                                                        Customer Support
## 13                                                Sr. ServiceNow Developer
## 14                                             Problem Management Analyst
## 15                                                IT Field Service Technician
## 16                                            Technical Support Specialist
## 17                                                Senior Network Engineer
## 18                                            Helpdesk Support / L1 Support
## 19                                    Product Designer to join GREAT start-up!
## 20                                            Epic Clinical Application Analyst
## 21                     Oracle Fusion Middleware Architect /SOA Architect /SOA Lead Developer
## 22                                                     IT Support Manager
## 23                            Senior SAP Basis/Architect Manager - Manufacturing Co
## 24                                                        Java Programmer
## 25                                                    Application Analyst
## 26                                    Operations Manager  Field Services ( Desktop )
## 27                                                    SumTotal Development
## 28                                    Lead Unity3D Engineer - GREAT CULTURE + TOP PAY
## 29                                                        Desktop Manager
## 30                                        Project Manager - Part Time 5812857
## 31                     Service Desk Analyst opportunity at Phoenix for 12+ months contract
## 32                                        Help Desk Consultant - TOP SECRET Required
## 33                            Engineering Technician - High Paying / Career Growth
## 34                                                    IT Business Analyst
## 35                                    Sr. Tech Manager of Systems Engineering
## 36                                                5208668 Project Manager
## 37                                                        Business Analyst
## 38                                            UI Architect/Solutions Architect
## 39                                        Senior Network Engineer (Financials)
## 40                                                    Programmer/Developer
## 41                                            Business Technology Analyst
## 42                                                Help Desk Analyst, Sr.
## 43                            Scala Developer  Core Platform Team - Reference Data
## 44                                                JAVA/Solution Developer
## 45                                    Sr Business Intelligence/Big Data Analyst
## 46                     Business Analyst-Server Based./Quality Assurance./Application Support
## 47                                            Principal Software Engineer
## 48                                    Technical Business Analyst/Data Analyst
## 49                                            IT Technical Analyst / IT Support
## 50                            Enterprise Support and Technology Specialist (Full-Time)
##                                 company              location
## 1        Chandra Technologies,  Inc.         Madison, WI
## 2                    CyberCoders          Palo Alto, CA
## 3                       Centizen         Hillsboro, OR
## 4                Radiansys, Inc.         San Ramon, CA
## 5                        BrainPOP           New York, NY
## 6        Partner's Consulting, Inc.      Philadelphia, PA
## 7                     Kyyba Inc              Athens, GA
## 8                     Edgewell            Milford, CT
```

17

```
## 9                       Systems Personnel, Inc.        Kennett Square, PA
## 10        HALLMARK GLOBAL TECHNOLOGIES INC                    Dallas, TX
## 11                                    Veredus                Orlando, FL
## 12                                  Macrosoft               Atlanta, GA
## 13                                iSpace, Inc                Denver, CO
## 14                           TEKsystems, Inc.            Pittsburgh, PA
## 15                              Resources IT                Chicago, IL
## 16                               S&A Systems              Rockwall, TX
## 17                    U.S. Tech Solutions Inc.            Glendale, CA
## 18                   Blackapple Solutions LLC                  Cary, NC
## 19                               CyberCoders     Westlake Village, CA
## 20 IMS - International Management Systems         Pleasant Hill, CA
## 21                       Peak Experience LLC             Allendale, NJ
## 22                     Pioneer Technology LLC          Chattanooga, TN
## 23                               CyberCoders            Southfield, MI
## 24               ALR Systems and Software, Inc.         Sioux City, IA
## 25                  Principle Solutions Group          Cincinnati, OH
## 26                          HCL America Inc.          Jacksonville, FL
## 27                          Net2Source Inc.         Thousand Oaks, CA
## 28                               CyberCoders             New York, NY
## 29                            Advance Search    Pleasant Prairie, WI
## 30       CSI (Consultant Specialists Inc.) South San Francisco, CA
## 31            Infinite Computing Systems, Inc.             phoenix, AZ
## 32                        Squires Group, Inc            Fort Meade, MD
## 33                               CyberCoders                Tucson, AZ
## 34                             Advantage xPO       Salt Lake City, UT
## 35              Genoa International Solutions           Richardson, TX
## 36       CSI (Consultant Specialists Inc.)            Hillsboro, OR
## 37                    Prata International, Inc              Houston, TX
## 38                       Matlen Silver Group             Charlotte, NC
## 39             Business Information Services          Jersey City, NJ
## 40                       Company Confidential              Syosset, NY
## 41                        Capitol Search, LTD        Tysons Corner, VA
## 42 Technology Service Professionals, Inc.          Fort Worth, TX
## 43                              Evantage LLC             New York, NY
## 44                             Agility Group          Bloomington, MN
## 45                               Dynamo, LLC                 Omaha, NE
## 46            Think Development Systems, Inc.             Atlanta, GA
## 47                                     Ascent            Englewood, CO
## 48               The Matlen Silver Group, Inc.        Jacksonville, FL
## 49                                     Ascent         Vernon Hills, IL
## 50                Lakeshore Technical College           Cleveland, WI
##          date
## 1  2016-10-21
## 2  2016-10-23
## 3  2016-10-21
## 4  2016-10-21
## 5  2016-10-18
## 6  2016-10-20
## 7  2016-10-20
## 8  2016-10-23
## 9  2016-10-23
## 10 2016-10-21
## 11 2016-10-23
```

```
## 12 2016-10-11
## 13 2016-10-21
## 14 2016-10-23
## 15 2016-10-11
## 16 2016-10-07
## 17 2016-10-19
## 18 2016-10-22
## 19 2016-10-23
## 20 2016-10-20
## 21 2016-10-05
## 22 2016-10-18
## 23 2016-10-23
## 24 2016-10-13
## 25 2016-10-18
## 26 2016-09-27
## 27 2016-10-19
## 28 2016-10-23
## 29 2016-10-21
## 30 2016-10-21
## 31 2016-10-21
## 32 2016-10-19
## 33 2016-10-23
## 34 2016-10-23
## 35 2016-10-17
## 36 2016-10-21
## 37 2016-09-29
## 38 2016-09-23
## 39 2016-10-10
## 40 2016-09-29
## 41 2016-10-18
## 42 2016-10-21
## 43 2016-10-23
## 44 2016-09-29
## 45 2016-10-17
## 46 2016-10-12
## 47 2016-10-23
## 48 2016-10-05
## 49 2016-10-23
## 50 2016-10-14

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 92
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
```

```
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Statistics&city=&text=&ip=&d
##
## $resultItemList
##                                                                          detailUrl
## 1                     http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
## 2                       http://www.dice.com/job/result/RTX151f11/564446?src=19
## 3                          http://www.dice.com/job/result/10123851/4929?src=19
## 4                     http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 5                       http://www.dice.com/job/result/10114776/SMA00005?src=19
## 6                        http://www.dice.com/job/result/10504871/261274?src=19
## 7                        http://www.dice.com/job/result/10359170/744741?src=19
## 8                     http://www.dice.com/job/result/cybercod/SM7-131394431?src=19
## 9                      http://www.dice.com/job/result/cybercod/NG-131927726?src=19
## 10                       http://www.dice.com/job/result/RTL941989/723113?src=19
## 11                    http://www.dice.com/job/result/cybercod/KK1-132147118?src=19
## 12                    http://www.dice.com/job/result/cybercod/RE1-131004266?src=19
## 13                   http://www.dice.com/job/result/10294672/TD_C#_Quantdev?src=19
## 14 http://www.dice.com/job/result/cybercod/SJ2-HeadOfAnalytics-1020165?src=19
## 15                    http://www.dice.com/job/result/cybercod/OH1-13245385?src=19
## 16                          http://www.dice.com/job/result/gsc/16-01252n?src=19
## 17                    http://www.dice.com/job/result/cybercod/KSK-126801727?src=19
## 18                       http://www.dice.com/job/result/10114776/ENT0000E?src=19
## 19                    http://www.dice.com/job/result/90969740/BUS-16-00013?src=19
## 20                       http://www.dice.com/job/result/10427675/JE-C-DS?src=19
## 21                       http://www.dice.com/job/result/10118594/707936?src=19
## 22                   http://www.dice.com/job/result/cybercod/SM7-131392150?src=19
## 23                       http://www.dice.com/job/result/SOFTENG/2001624?src=19
## 24                       http://www.dice.com/job/result/80124351/724941?src=19
## 25                       http://www.dice.com/job/result/90767815/675141?src=19
## 26                    http://www.dice.com/job/result/cybercod/NNG-123041272?src=19
## 27                     http://www.dice.com/job/result/10124296/stat_roswell?src=19
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## 29                     http://www.dice.com/job/result/10115382/D1389-TX03?src=19
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## 31                       http://www.dice.com/job/result/napil006/JWTC++?src=19
## 32                     http://www.dice.com/job/result/10116711/PUR010013?src=19
## 33                        http://www.dice.com/job/result/ASQUARE/734222?src=19
## 34                     http://www.dice.com/job/result/cybercod/SK-130626082?src=19
## 35                     http://www.dice.com/job/result/cybercod/SM7-131443446?src=19
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## 41                       http://www.dice.com/job/result/10333482/722357?src=19
## 42                         http://www.dice.com/job/result/10474433/3128?src=19
## 43                       http://www.dice.com/job/result/10341964/556699?src=19
## 44                    http://www.dice.com/job/result/10119083/DataScienceRsi?src=19
## 45                       http://www.dice.com/job/result/10366547/616375?src=19
## 46                       http://www.dice.com/job/result/90864850/345745?src=19
## 47                       http://www.dice.com/job/result/10111403/J01968?src=19
## 48                       http://www.dice.com/job/result/10117979/162114?src=19
## 49                     http://www.dice.com/job/result/10208346H/2412_Ora_NJ?src=19
```

```
## 50                          http://www.dice.com/job/result/RTX1bab91/4744141?src=19
##                                                                             jobTitle
## 1                    Test Data Engineer - Relaxed environment and awesome culture!
## 2                                                             Senior Data Analyst
## 3                                                       Test Software Engineer (4929)
## 4                                                    Data Scientist - Junior-Senior Levels!
## 5                                          Supervisor, Rating and Underwriting Consultant
## 6                                                 Entry Level Data Analyst/ Fresh Graduate
## 7                                             Need SAS Financial Data Analyst - Immediate Need
## 8                                        Technical Product Manager -Cyber Security Sector!!
## 9                                                        Sr Machine Learning Scientist
## 10                                                                      Data Engineer
## 11                                              Data Scientist - Fraud detection technology!
## 12                                                        Machine Learning Scientist
## 13                                                  Lead C# Quant Developer - ETF Trading
## 14                                       Head of Data Analytics - use big data for the greater good!
## 15                                    Data Scientist - Machine Learning, C/C++, Active Filtering
## 16                                                       AML Optimization Statistician
## 17                                                    Mechanical Engineer - Boiler Design
## 18                                                              Actuarial Analyst I
## 19                                                       Business Intelligence Analyst
## 20                                                                    Data Scientist
## 21                                                          Process innovation Manager
## 22                                        Technical Product Manager -Cyber Security Sector!!
## 23                                                    Machine Learning Research Scientist
## 24                                                Success Advocate (tech support / trainer)
## 25                                                            Algo Quant Strategist
## 26                                                            Lead Data Scientist
## 27                                                            Sr. R&D Statistician
## 28                                                            Lead Java Developer
## 29 ETL Pipeline Developer (with Statistics, Data Science, Bayesian Modeling)(relo provided)
## 30                                                            Deep Learning Expert
## 31                                                                    C++ Developer
## 32                                                  Supply Chain Analyst - SQL Programmer
## 33                                                                  Process Engineer
## 34                                                    Data Scientist - Sales Platform - RELO
## 35                                        Technical Product Manager -Cyber Security Sector!!
## 36                                                                  Business Analyst
## 37             Sr. Data Scientist - Machine Learning, Python, R, Predictive Analytics / Big Data
## 38                                                                    Data Analyst
## 39                                                                  Business Analyst
## 40                                             Quality Assurance Specialist (SRF 1804) Seat #970
## 41                                                              Quantitative Analyst
## 42                                                                  Biostatistician
## 43                                               //CA-Bay Area//  DATA SCIENTIST [ No C2C- 00 ]
## 44                                                                    Data Scientist
## 45                                    Lead Node.js Software Engineer / Architect (up to $160k, 1% equity)
## 46                                                                          Modeler
## 47                                                    Adobe Insights Analyst  (#1065-MH2444)
## 48                                                                Datalab Engineer
## 49                                                            Sr. Quant Developer
## 50                                                            full stack developer
##                          company            location        date
## 1                     CyberCoders          Boise, ID 2016-10-23
```

```
## 2                McHenry County College   Crystal Lake, IL 2016-10-20
## 3       Embedded Resource Group, Inc Mountain View, CA 2016-10-21
## 4                        CyberCoders    Los Angeles, CA 2016-10-23
## 5                              BCBSM         Detroit, MI 2016-10-23
## 6                          ConsultAdd          Dallas, TX 2016-10-20
## 7               Nueva Solutions, Inc.    Jersey City, NJ 2016-10-21
## 8                        CyberCoders    Washington, DC 2016-10-23
## 9                        CyberCoders     San Carlos, CA 2016-10-23
## 10                  Tufts University        Medford, MA 2016-10-19
## 11                       CyberCoders       Bellevue, WA 2016-10-23
## 12                       CyberCoders      Lexington, MA 2016-10-23
## 13              Futures Group IT LLC.       New York, NY 2016-10-21
## 14                       CyberCoders San Francisco, CA 2016-10-23
## 15                       CyberCoders        Raleigh, NC 2016-10-23
## 16          RMS Computer Corporation          Tampa, FL 2016-10-21
## 17                       CyberCoders      Millbrook, AL 2016-10-23
## 18                              BCBSM         Detroit, MI 2016-10-23
## 19                   BCBSAZ Advantage        Phoenix, AZ 2016-10-13
## 20          MatchPoint Consulting Group          Wayne, PA 2016-10-21
## 21              Adi WorldLink, LLC     Richardson, TX 2016-10-21
## 22                       CyberCoders      San Diego, CA 2016-10-23
## 23     Software Engineering Institute    Pittsburgh, PA 2016-10-03
## 24              reTECH Solutions Inc.          elgin, IL 2016-10-20
## 25                   Konnect Partners    Jersey City, NJ 2016-09-28
## 26                       CyberCoders    Los Angeles, CA 2016-10-23
## 27          Principle Solutions Group        Roswell, GA 2016-10-12
## 28     Louisiana Economic Development         Monroe, LA 2016-10-11
## 29 MBA IT Consulting Services, Inc.    Fort Worth, TX 2016-10-21
## 30           Hexagon Talent Capital     SAN RAMON, CA 2016-10-22
## 31           Request Technology, LLC        Chicago, IL 2016-10-10
## 32               MEDLINE INDUSTRIES      Mundelein, IL 2016-10-23
## 33                       Asquare.com         Malta, NY 2016-10-19
## 34                       CyberCoders          Provo, UT 2016-10-23
## 35                       CyberCoders         Dallas, TX 2016-10-23
## 36     Louisiana Economic Development    Baton Rouge, LA 2016-10-18
## 37                  Precision Systems       New York, NY 2016-10-23
## 38        Mavensoft Technologies, LLC     Hillsboro, OR 2016-09-29
## 39     Louisiana Economic Development    Baton Rouge, LA 2016-10-18
## 40     Louisiana Economic Development    Bossier City, LA 2016-10-18
## 41                   Lawrence Harvey San Francisco, CA 2016-10-21
## 42            ICON Technical Network         Denver, CO 2016-10-05
## 43                              PMC        Belmont, CA 2016-10-21
## 44                 Genesys Infotech Mountain View, CA 2016-10-22
## 45                 Skyrocket Ventures San Francisco, CA 2016-10-20
## 46                     Title Source        Detroit, MI 2016-10-17
## 47            Moorecroft Systems Inc.    Los Angeles, CA 2016-10-21
## 48                  Experian Limited      San Diego, CA 2016-10-23
## 49                          Collabera    Jersey City, NJ 2016-10-21
## 50                    Indoor Reality       berkeley, CA 2016-10-21

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file


## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
```

```
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 318
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Machine+Learning&city=&text=&
##
## $resultItemList
##                                                            detailUrl
## 1          http://www.dice.com/job/result/cybercod/AW2-1262657129?src=19
## 2            http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 3                    http://www.dice.com/job/result/10123851/4839?src=19
## 4            http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 5            http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
## 6                  http://www.dice.com/job/result/10117979/161777?src=19
## 7            http://www.dice.com/job/result/cybercod/NR3-13246585?src=19
## 8                  http://www.dice.com/job/result/entca005/742964?src=19
## 9   http://www.dice.com/job/result/cybercod/AS3-NLPDataScientist5?src=19
## 10                    http://www.dice.com/job/result/usts/447713?src=19
## 11            http://www.dice.com/job/result/cybercod/NG-13250414?src=19
## 12                   http://www.dice.com/job/result/compun/743064?src=19
## 13          http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 14          http://www.dice.com/job/result/cybercod/LS3-131423447?src=19
## 15           http://www.dice.com/job/result/cybercod/SM7-13242456?src=19
## 16           http://www.dice.com/job/result/cybercod/JD8-13253463?src=19
## 17           http://www.dice.com/job/result/cybercod/AW2-13244365?src=19
## 18                 http://www.dice.com/job/result/10217156/584828?src=19
## 19  http://www.dice.com/job/result/cybercod/SCE-ImageProcessing4?src=19
## 20          http://www.dice.com/job/result/cybercod/BS3-132299711?src=19
## 21                http://www.dice.com/job/result/10444937/728036?src=19
## 22          http://www.dice.com/job/result/10110872/7819_Java_CHI?src=19
## 23                http://www.dice.com/job/result/90752961/575645?src=19
## 24                    http://www.dice.com/job/result/usts/112938?src=19
## 25             http://www.dice.com/job/result/10497505/7381610122?src=19
## 26          http://www.dice.com/job/result/cybercod/BC2-1278839115?src=19
## 27              http://www.dice.com/job/result/RTX173fad/4729484?src=19
## 28          http://www.dice.com/job/result/cybercod/NG-131927726?src=19
## 29                http://www.dice.com/job/result/10118015/736948?src=19
## 30                http://www.dice.com/job/result/NEXIL001/744390?src=19
## 31                http://www.dice.com/job/result/10331486/AK_HNJ?src=19
## 32          http://www.dice.com/job/result/cybercod/KG1-13241906?src=19
## 33              http://www.dice.com/job/result/RTX1ba580/4727041?src=19
## 34         http://www.dice.com/job/result/cybercod/BS3-1301209106?src=19
## 35          http://www.dice.com/job/result/cybercod/SM7-131271154?src=19
## 36               http://www.dice.com/job/result/10518778/20161179?src=19
## 37               http://www.dice.com/job/result/10112142/730775?src=19
## 38                http://www.dice.com/job/result/gatpa001/132846?src=19
```

```
## 39               http://www.dice.com/job/result/90767798/734247?src=19
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## 41               http://www.dice.com/job/result/10110565/NLPLead?src=19
## 42        http://www.dice.com/job/result/cybercod/JG2-13245665?src=19
## 43       http://www.dice.com/job/result/cybercod/AW1-131141760?src=19
## 44               http://www.dice.com/job/result/10494547/668254?src=19
## 45                http://www.dice.com/job/result/btpart/743730?src=19
## 46               http://www.dice.com/job/result/10367383/705336?src=19
## 47             http://www.dice.com/job/result/10115369/106689-219?src=19
## 48       http://www.dice.com/job/result/cybercod/NNG-131835631?src=19
## 49       http://www.dice.com/job/result/cybercod/KK1-132147118?src=19
## 50        http://www.dice.com/job/result/cybercod/BB7-13245445?src=19
##                                                              jobTitle
## 1           Senior Data Scientist - Machine Learning, Python, C/C++
## 2                    Research Engineer - Python, Machine Learning,
## 3                              Mechanical Design Engineer (4839r)
## 4          Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 5                              Data Scientist - JOIN A GROWING TEAM!
## 6                                                    DevOps Engineer
## 7                                          Backend Engineer - Python
## 8              Data Scientist - Hadoop,hive,Scala,Machine Learning
## 9                          Data Scientist- NLP (Must have)/ Python
## 10                                                Algorithm Engineer
## 11               Electrical Project Engineer - Industrial Machinery
## 12  Need : Deep Learning Specialist, Santa Clara or Sunnyvale CA (ONLY LO
## 13                              Data Scientist - Junior-Senior Levels!
## 14    Sr. Data Infrastructure Engineer- VC Backed, Healthcare Startup!
## 15               Senior Data Scientist - Big Data/Software Hybrid!!
## 16                            Search Engineer - Ruby, Elastic Search
## 17                          Senior Data Engineer- Java, Python, Scala
## 18                                              Azure Cloud Engineer
## 19          Senior Software Engineer - Image Processing - 100% REMOTE
## 20          Data Scientist - Data Modeling/Analytics, Machine Learning
## 21                                                  Big Data Analyst
## 22                                       Full-Stack Architect/Developer
## 23                                             Saba Business Analyst
## 24                                        Database Optimizer Engineer
## 25              Senior Developer (Java or Scala or C++ or C#)
## 26                        Data Scientist - Enterprise Intelligence
## 27                                      Technical Support Specialist
## 28                                     Sr Machine Learning Scientist
## 29                          Wi-Fi Lead Software Engineer at Novi MI
## 30                      ZenDesk LMS Help Desk Representative - R
## 31                                                    Data Scientist
## 32              Software Engineer - Smart Home Connectivity Startup
## 33                                          Senior Systems Architect
## 34    Lead Computer Vision Engineer -- Machine Learning, Data Science
## 35                   Big Data Scientist - Insurance/Banking Industry!!
## 36                                            Computational Linguist
## 37                                              Sr.Business Analyst
## 38                                              Learning Coordinator
## 39                                            Instructional Designer
## 40                       LMS Developer - Blackboard - direct-hire!
## 41  Lead Sotware Engineers, Software Architects - 70/30 coding leadership
```

```
## 42                                          Lead Data Scientist (SAS, SAP)
## 43                             Mechanical Engineer - Design and Development
## 44                    Data Scientist (Applied Researcher) - Inperson Interview
## 45                                                              .Net Developer
## 46                                                              Staff Engineer
## 47                                       Instructional Designer and Developer
## 48        Senior Data Scientist- Socially Conscious Company - Downtown LA
## 49                            Data Scientist - Fraud detection technology!
## 50                             REMOTE - Software Engineer - Image Processing
##                                company              location         date
## 1                            CyberCoders      Palo Alto, CA 2016-10-23
## 2                            CyberCoders       San Mateo, CA 2016-10-23
## 3        Embedded Resource Group, Inc San Francisco, CA 2016-10-20
## 4                            CyberCoders San Francisco, CA 2016-10-23
## 5                            CyberCoders      Cambridge, MA 2016-10-23
## 6                       Experian Limited      Franklin, TN 2016-10-23
## 7                            CyberCoders       Ann Arbor, MI 2016-10-23
## 8                   Enterprise Solutions      Sunnyvale, CA 2016-10-19
## 9                            CyberCoders       Berkeley, CA 2016-10-23
## 10       U.S. Tech Solutions Inc.    Bridgewater, NJ 2016-10-19
## 11                           CyberCoders       Lone Tree, CO 2016-10-23
## 12 Compunnel Software Group Inc.    Santa Clara, CA 2016-10-19
## 13                           CyberCoders     Los Angeles, CA 2016-10-23
## 14                           CyberCoders San Francisco, CA 2016-10-23
## 15                           CyberCoders        New York, NY 2016-10-23
## 16                           CyberCoders      Palo Alto, CA 2016-10-23
## 17                           CyberCoders      Palo Alto, CA 2016-10-23
## 18                               MagTek     Seal Beach, CA 2016-10-21
## 19                           CyberCoders          Boston, MA 2016-10-23
## 20                           CyberCoders San Francisco, CA 2016-10-23
## 21                               Xconic        San Jose, CA 2016-10-07
## 22                             TeamSoft         Chicago, IL 2016-10-21
## 23                                Sedaa      Palo Alto, CA 2016-10-17
## 24       U.S. Tech Solutions Inc.    Santa Clara, CA 2016-10-20
## 25                          Alans Group        New York, NY 2016-10-21
## 26                           CyberCoders   Sherman Oaks, CA 2016-10-23
## 27                          S&A Systems       Rockwall, TX 2016-10-07
## 28                           CyberCoders      San Carlos, CA 2016-10-23
## 29                       First Tek, Inc.            Novi, MI 2016-10-14
## 30                     Next Step Systems        Chicago, IL 2016-10-21
## 31       Proactive Technical Services      Palo Alto, CA 2016-10-20
## 32                           CyberCoders   Redwood City, CA 2016-10-23
## 33                                 MedU        Hanover, NH 2016-10-20
## 34                           CyberCoders    Santa Clara, CA 2016-10-23
## 35                           CyberCoders          Austin, TX 2016-10-23
## 36                   NTREPID CORPORATION        Herndon, VA 2016-09-23
## 37                          Ensoftek Inc          Salem, OR 2016-10-10
## 38                              Mastech        Oakland, CA 2016-10-23
## 39            Patriot Talent Solutions      Knoxville, TN 2016-10-13
## 40                             TeamSoft         Madison, WI 2016-10-21
## 41                          Bivium Group      Cambridge, MA 2016-10-22
## 42                           CyberCoders        Houston, TX 2016-10-23
## 43                           CyberCoders          Horton, MI 2016-10-23
## 44                        BayOne Solutions        San Jose, CA 2016-09-23
```

```
## 45         Brandywine Technology   Wilmington, DE 2016-10-19
## 46             Prolific Minds       San Jose, CA 2016-10-21
## 47            Vaco - Nashville        Dublin, OH 2016-10-23
## 48                CyberCoders   Los Angeles, CA 2016-10-23
## 49                CyberCoders       Bellevue, WA 2016-10-23
## 50                CyberCoders        Waltham, MA 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 198
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Computing&city=&text=&ip=&di
##
## $resultItemList
##                                                          detailUrl
## 1   http://www.dice.com/job/result/10124418/cloudIaaSPaas?src=19
## 2        http://www.dice.com/job/result/907374372/TS10099?src=19
## 3      http://www.dice.com/job/result/90958320/VS20161310?src=19
## 4        http://www.dice.com/job/result/10204393/18562BR?src=19
## 5   http://www.dice.com/job/result/cybercod/MF3-130380172?src=19
## 6         http://www.dice.com/job/result/90833617/692699?src=19
## 7    http://www.dice.com/job/result/cybercod/LN1-13255112?src=19
## 8    http://www.dice.com/job/result/cybercod/SE1-13251323?src=19
## 9            http://www.dice.com/job/result/usts/112938?src=19
## 10  http://www.dice.com/job/result/cybercod/RH1-131989325?src=19
## 11        http://www.dice.com/job/result/10410505/396274?src=19
## 12         http://www.dice.com/job/result/ebuilt/4743749?src=19
## 13           http://www.dice.com/job/result/usts/112764?src=19
## 14      http://www.dice.com/job/result/10310577/10934BR?src=19
## 15        http://www.dice.com/job/result/10443786/727608?src=19
## 16      http://www.dice.com/job/result/alphacon/16-01580?src=19
## 17        http://www.dice.com/job/result/90833617/691141?src=19
## 18        http://www.dice.com/job/result/RTX15a538/659483?src=19
## 19        http://www.dice.com/job/result/10328550/L-2730?src=19
## 20           http://www.dice.com/job/result/usts/112763?src=19
## 21  http://www.dice.com/job/result/cybercod/SN2-132234013?src=19
## 22        http://www.dice.com/job/result/90833617/714612?src=19
## 23          http://www.dice.com/job/result/mominc/#87-B?src=19
## 24         http://www.dice.com/job/result/aardvark/7887?src=19
## 25 http://www.dice.com/job/result/cybercod/JR4-1301235106?src=19
## 26        http://www.dice.com/job/result/10110693/732543?src=19
## 27        http://www.dice.com/job/result/sunrise/16-12057?src=19
## 28         http://www.dice.com/job/result/10116608/14508?src=19
```

```
## 29           http://www.dice.com/job/result/10198261a/734052?src=19
## 30           http://www.dice.com/job/result/10115228/NDS-UCC?src=19
## 31            http://www.dice.com/job/result/10509774/11602?src=19
## 32           http://www.dice.com/job/result/10140337/637139?src=19
## 33             http://www.dice.com/job/result/10525746/3822?src=19
## 34            http://www.dice.com/job/result/10109150/18712?src=19
## 35 http://www.dice.com/job/result/vhassoc/32706-1807-MH58?src=19
## 36         http://www.dice.com/job/result/10523338/BITS3833?src=19
## 37            http://www.dice.com/job/result/90760631/NH109?src=19
## 38   http://www.dice.com/job/result/cybercod/JS8-131465745?src=19
## 39            http://www.dice.com/job/result/ebuilt/4743729?src=19
## 40           http://www.dice.com/job/result/10113512/689027?src=19
## 41               http://www.dice.com/job/result/mominc/#119?src=19
## 42           http://www.dice.com/job/result/10114281/728627?src=19
## 43           http://www.dice.com/job/result/10279957/16-300?src=19
## 44           http://www.dice.com/job/result/10434744/738978?src=19
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##                                                          jobTitle
## 1                                        Cloud Specialist (IaaS / PaaS)
## 2                                        EUC/ Infrastructure Architect
## 3         Systems Analyst Salesforce Admin Consultant -- Full-time -- IL / TX..
## 4                                        Senior Technology Architect - US
## 5             Lawson Business Analyst - Lawson M3, Financial Modules, Hyperion
## 6                                        SAP Master Data Governance Specialist
## 7                                        Microelectronics R&D Engineer
## 8                                        Data Scientist - Python, Hadoop/MapReduce
## 9                                        Database Optimizer Engineer
## 10               C++ Developer - Server Architecture, Cloud, Parallel Computing
## 11   Urgent- DIRECT CLIENT - Software Development Engineer (.Net technolog
## 12                                        EUC Analyst
## 13            Sr. Software Engineer - Workload Scheduling & Resource Management
## 14                       Solution Design Engineer - Data Center Services
## 15                                        Senior Data Engineer
## 16                       Senior Linux, Redhat, and Cisco UCS Engineer
## 17               Microsoft Dynamics Customer Relationship Management (CRM) Lead
## 18                                        Senior Product Manager
## 19 60/hr 10+ Year Java Developer with Cloud/PaaS. 12+ Months. Contract. Seattle, WA. (L-2730) (C)
## 20                       Senior Software Engineer in Unified Communication Middleware
## 21                       Senior Backend Developer to join GREAT start-up!
## 22                                        Azure Cloud Architect (Demo)
## 23                                        Systems Engineer (Azure)
## 24                                        CLOUD SECURITY ARCHITECT
## 25               DevOps Engineer (Streaming Analytics) - Linux, AWS, openStack
## 26                       I.T. Delivery Services (Transition) Manager-Irwindale, CA
## 27                                        Dev Ops Engineer
## 28                                        Pacer Help Desk - 14508
## 29                                        Technical operations Engineer
## 30                                        Principal Unified Communications Consultant
## 31                                        Back End Developer - Contract - MN
```

```
## 32                                             Systems Administrator-Intermediate
## 33                                                Network / IT / Systems Engineer
## 34                                     Systems Administrator, Windows Server centric
## 35                                                     Java Application Engineer
## 36                                                            Network Technician
## 37                                                Full-time Java Software Engineer
## 38                    Information Systems Security Engineer - DoD 8570 IA SAE level 2
## 39                                                                   EUC Anlayst
## 40                                          Disaster Recovery Enterprise Architect
## 41                                                       DevOps Engineer/Architect
## 42                                                        Sr. Data Network Engineer
## 43                                                       Systems/Network Engineer
## 44                                                             Greenplum Architect
## 45                                     Hyper-Converged Network Engineer - OpenStack
## 46                                                            ITIS EUC Architect
## 47                                            Senior Information Architect- Devops
## 48                                                                        EUCGRM
## 49                                                               DevOps Engineer
## 50                       Technical Operations Engineer - Client Facing, Could Computing,
##                                        company                location        date
## 1     Systems Technology Group Inc. (STG)      Dearborn, MI 2016-10-14
## 2                            Genesis NGN Inc.           tampa, FL 2016-10-18
## 3                       Buckeye Global IT Inc      Richardson, TX 2016-10-21
## 4                                     Infosys           Plano, TX 2016-10-23
## 5                                 CyberCoders      Fort Myers, FL 2016-10-23
## 6           Louisiana Economic Development      Baton Rouge, LA 2016-10-14
## 7                                 CyberCoders        Chantilly, VA 2016-10-23
## 8                                 CyberCoders       Washington, DC 2016-10-23
## 9                    U.S. Tech Solutions Inc.      Santa Clara, CA 2016-10-20
## 10                                CyberCoders          Seattle, WA 2016-10-23
## 11                Stellar Soft Solutions Inc      Santa Clara, CA 2016-10-18
## 12                            UST Global Inc      Riverwoods, IL 2016-10-19
## 13                   U.S. Tech Solutions Inc.      Santa Clara, CA 2016-10-20
## 14                          Intertek USA Inc.          Houston, TX 2016-10-03
## 15                                 FusionForte    Mountain View, CA 2016-10-17
## 16                       Alpha Consulting Corp.         Rockaway, NJ 2016-10-23
## 17          Louisiana Economic Development      Baton Rouge, LA 2016-10-11
## 18                NetBrain Technologies Inc.      Burlington, MA 2016-10-11
## 19                             LEVERAGEncy, LLC          Seattle, WA 2016-10-21
## 20                   U.S. Tech Solutions Inc.      Santa Clara, CA 2016-10-20
## 21                                CyberCoders Westlake Village, CA 2016-10-23
## 22          Louisiana Economic Development        Lafayette, LA 2016-09-27
## 23                          Mind Over Machines          Columbia, MD 2016-10-13
## 24 Aardvark Systems and Programming Inc.          Beford, MA 2016-10-21
## 25                                CyberCoders      Alexandria, VA 2016-10-23
## 26        Digital Intelligence Systems, LLC        Irwindale, CA 2016-10-13
## 27                     Sunrise Systems, Inc.       Hillsboro, OR 2016-10-21
## 28                        Camber Corporation    San Antonio, TX 2016-10-23
## 29                             Astute Solutions          Columbus, OH 2016-10-20
## 30                        Network Data Systems      Schaumburg, IL 2016-10-05
## 31                          Star Collaborative        Richfield, MN 2016-10-18
## 32                                 TELNET Inc.     washington, DC 2016-10-14
## 33      LookingGlass Cyber Solutions, Inc.        San Jose, CA 2016-10-13
## 34            Business Knowledge Services   Overland Park, KS 2016-10-20
```

```
## 35              VanderHouwen & Associates, Inc.        Beaverton, OR 2016-10-23
## 36                          Capilton Inc.              Albany, NY 2016-10-21
## 37       Caspian One Recruitment Solutions           New York, NY 2016-10-20
## 38                            CyberCoders        Warner Robins, GA 2016-10-23
## 39                         UST Global Inc              Irving, TX 2016-10-19
## 40                           Tech-Pro Inc        Minneapolis, MN 2016-10-21
## 41                     Mind Over Machines            Columbia, MD 2016-10-13
## 42       Alltech Consulting Services, Inc.       New York City, NY 2016-10-07
## 43                             Pivot.com           Worcester, MA 2016-10-20
## 44                            DTSC, Inc.          CINCINNATI, OH 2016-10-17
## 45                            CyberCoders             Atlanta, GA 2016-10-23
## 46                          RConnect LLC               Tampa, FL 2016-10-21
## 47                APN Software Services, Inc            Dulles, VA 2016-10-21
## 48                   WWT Advanced Solutions             Wiesbaden 2016-10-21
## 49                       Korcomptenz Inc          Bethlehem, PA 2016-10-21
## 50                            CyberCoders        Minneapolis, MN 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 5913
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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
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## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Data+Wrangling&city=&text=&i
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##                                                          detailUrl
## 1   http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2                http://www.dice.com/job/result/90941044/2401?src=19
## 3            http://www.dice.com/job/result/10115700c/514062?src=19
## 4             http://www.dice.com/job/result/ccetx001/744146?src=19
## 5   http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6            http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 7     http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 8      http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 9    http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 10           http://www.dice.com/job/result/10360631/736240?src=19
## 11           http://www.dice.com/job/result/10175336/747098?src=19
## 12            http://www.dice.com/job/result/cybersea/5599?src=19
## 13           http://www.dice.com/job/result/10516063/632028?src=19
## 14         http://www.dice.com/job/result/RTX1ba594/4727297?src=19
## 15    http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 16          http://www.dice.com/job/result/aces/00020175051?src=19
## 17           http://www.dice.com/job/result/matrixga/113029?src=19
## 18           http://www.dice.com/job/result/10412228/675018?src=19
```

```
## 19       http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
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## 23             http://www.dice.com/job/result/matrixga/117153?src=19
## 24   http://www.dice.com/job/result/90739239/Prashant_DataC?src=19
## 25   http://www.dice.com/job/result/90769273/Tgdatascientist?src=19
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## 28         http://www.dice.com/job/result/10111370/MSSXDBINY?src=19
## 29   http://www.dice.com/job/result/cybercod/RN2-131934622?src=19
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## 39             http://www.dice.com/job/result/paracomp/MDMml?src=19
## 40    http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
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## 43             http://www.dice.com/job/result/cxjudgpa/508966?src=19
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## 49             http://www.dice.com/job/result/10323494/687149?src=19
## 50               http://www.dice.com/job/result/atitx/737313?src=19
##                                                          jobTitle
## 1                                        Business/Systems Analyst
## 2                                               Wireless Engineer
## 3                                             Full Stack Developer
## 4                                              Big Data Consultant
## 5             Data Modeler III - Business Intelligence Architect
## 6                                                 Security Analyst
## 7                                  Solutions Architect - E-commerce
## 8                       Research Engineer - Python, Machine Learning,
## 9                                             Senior Data Engineer
## 10           Fullstack developer with big data Technologies
## 11                    Business Analyst--Healthcare--Long Beach CA
## 12                                                   WCS Architect
## 13                             SQL BI/ETL Developer - Canton, OH
## 14                                              Senior Data Analyst
## 15      Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 16                                    Enterprise Architect - Manager
## 17                                     BUSINESS SYSTEMS CONSULTANT
## 18                                            IT Operations manager
## 19 Software Engineer - Programming, Blockchain Technology, bitcoin
## 20                                       Security Systems Engineer
## 21                                                       Oracle DBA
```

```
## 22                                     Clinical Annotator- data mining
## 23                                Associate Technician-Baseline (Net)
## 24                                       Data Cap/FileNet Developer
## 25                                                     Data scientist
## 26                                          Engineer Aeronautical 2
## 27                                        Java / Big Data Developer
## 28                    Developer Business Intelligence(**DIRECT CLIENT**)
## 29              Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 30    Test Data Engineer - Relaxed environment and awesome culture!
## 31                                        Regional Account Executive
## 32                                              Business Analyst I
## 33                                                    .NET Developer
## 34                     Senior Project Manager - Data Center Migrations
## 35                                             Developer III - ETL
## 36                                    .Net BigData Scala Developer
## 37                                                     Data Modeler
## 38                                              Solutions Architect
## 39  Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 40                          Data Scientist - JOIN A GROWING TEAM!
## 41                                                Category Manager
## 42                                                   Data Scientist
## 43                                          Manager, Data Engineering
## 44                              Netezza Data Warehouse Senior DBA
## 45                                              Senior QA Engineer
## 46                                       Oracle PL/SQL Developer
## 47                                     Big Data Integration Engineer
## 48                    Energy Systems Administrator - Sioux Falls, SD
## 49                                        Big Data / ETL/DB Developer
## 50                              Director Infrastructure Engineering
##                                     company            location         date
## 1                                        Volt     Jersey City, NJ 2016-10-23
## 2                          Wizard Staff, Inc          Irvine, CA 2016-10-17
## 3                        Randstad Technologies         Austin, TX 2016-10-23
## 4                        Automation Image Inc.        Irving, TX 2016-10-20
## 5                                  Fannie Mae     Washington, DC 2016-10-23
## 6                                Tentek, Inc.        Seattle, WA 2016-09-30
## 7                                    TeamSoft        Madison, WI 2016-10-21
## 8                                 CyberCoders    San Mateo, CA 2016-10-23
## 9                                       Agile        Atlanta, GA 2016-10-23
## 10                          Neuro Systems Inc.     Sunnyvale, CA 2016-10-14
## 11                     Sedna Consulting Group    Long Beach, CA 2016-10-23
## 12                          Cybersearch, Ltd.         Austin, TX 2016-10-19
## 13 TapRoot Recruiting Solutions, Inc.            Canton, OH 2016-10-23
## 14                                     Infodym        Herndon, VA 2016-10-06
## 15                                 CyberCoders  San Francisco, CA 2016-10-23
## 16       Cognizant Technology Solutions          Hartford, CT 2016-10-23
## 17                            Matrix Resources      Charlotte, NC 2016-10-23
## 18                                    Uniqsoft  Woodcliff Lake, NJ 2016-10-21
## 19                                 CyberCoders       Palo Alto, CA 2016-10-23
## 20                                      Amazon        Boardman, OR 2016-10-19
## 21                                      eclaro        atlanta, GA 2016-09-26
## 22                       Javen Technologies, Inc   Taylorsville, UT 2016-10-19
## 23                            Matrix Resources   Fort Stockton, TX 2016-10-23
## 24     22nd Century Technologies, Inc.           Lansing,, MI 2016-10-21
```

```
## 25          Infogium Technologies, LLC          Charlotte, NC 2016-09-26
## 26                 NORTHROP GRUMMAN          San Diego, CA 2016-10-22
## 27              Xoriant Corporation           Bristol, CT 2016-10-21
## 28              XCEL Solutions Corp.         NEW YORK, NY 2016-10-23
## 29                     CyberCoders             Nashua, NH 2016-10-23
## 30                     CyberCoders              Boise, ID 2016-10-23
## 31                     PeerSource            Chicago, IL 2016-10-20
## 32                      JDC Group                        2016-10-23
## 33                            CSC             Isabela, PR 2016-10-23
## 34             David Kenneth Group          Annapolis, MD 2016-10-18
## 35            Fidelis Care New York         Rochester, NY 2016-10-23
## 36                           Zen3            Redmond, WA 2016-10-21
## 37               Apex Systems, Inc          Roseland, NJ 2016-10-11
## 38                HD Supply, Inc.            Atlanta, GA 2016-10-11
## 39            Paragon Solutions Inc.         Cranford, NJ 2016-10-21
## 40                     CyberCoders          Cambridge, MA 2016-10-23
## 41              The Creative Group       Saddle River, NJ 2016-10-23
## 42                 Mitchell Martin Long Island City, NY 2016-10-23
## 43                 The Judge Group        Burlington, MA 2016-10-23
## 44                         Mastech Saint Petersburg, FL 2016-10-23
## 45        AAJ Interactive Technologies      Springfield, VA 2016-10-18
## 46             Maxima Consulting Inc            Boston, MA 2016-10-20
## 47                       MSYS Inc.      San Francisco, CA 2016-10-23
## 48        Missouri River Energy Services    Des Moines, IA 2016-10-18
## 49             Horizon International          Danbury, CT 2016-10-20
## 50               Amer Technology, Inc          Austin, TX 2016-10-21
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## 3        http://www.dice.com/job/result/10118015/PKI_BA_GA?src=19
## 4          http://www.dice.com/job/result/10110732/743967?src=19
## 5          http://www.dice.com/job/result/90579045/746160?src=19
## 6          http://www.dice.com/job/result/cxmodbma/682437?src=19
## 7      http://www.dice.com/job/result/10110426/VASF-MO-6143?src=19
## 8          http://www.dice.com/job/result/10110992/669266?src=19
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## 9        http://www.dice.com/job/result/10309206/AD-9087-CA?src=19
## 10  http://www.dice.com/job/result/cybercod/RK1-13240836?src=19
## 11        http://www.dice.com/job/result/10414693/RS-4164?src=19
## 12         http://www.dice.com/job/result/10360631/736240?src=19
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## 15        http://www.dice.com/job/result/10124153/SUN-11237?src=19
## 16        http://www.dice.com/job/result/paracomp/240631db?src=19
## 17          http://www.dice.com/job/result/apexsan/701488?src=19
## 18  http://www.dice.com/job/result/cybercod/DA3-131800525?src=19
## 19         http://www.dice.com/job/result/NM11535/735012?src=19
## 20         http://www.dice.com/job/result/10285720a/22442?src=19
## 21         http://www.dice.com/job/result/aseil001/730036?src=19
## 22           http://www.dice.com/job/result/cybersea/5599?src=19
## 23 http://www.dice.com/job/result/10124549/ML-FIREWALL-PA?src=19
## 24        http://www.dice.com/job/result/10114487/POS-1133?src=19
## 25          http://www.dice.com/job/result/infnj003/RV_03?src=19
## 26        http://www.dice.com/job/result/RTX17fa40/4637374?src=19
## 27      http://www.dice.com/job/result/10242490/CH-CONTENT?src=19
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## 45         http://www.dice.com/job/result/vedmi001/724744?src=19
## 46          http://www.dice.com/job/result/10444609/610BR?src=19
## 47  http://www.dice.com/job/result/10111699/08201603SJVA?src=19
## 48         http://www.dice.com/job/result/90833617/520008?src=19
## 49          http://www.dice.com/job/result/strca002/731107?src=19
## 50           http://www.dice.com/job/result/KANBAY/739795?src=19
##                                                          jobTitle
## 1                                                     Project Lead
## 2                    Application Development System Administrator
## 3            PKI (Public Key Infrastructure) Analyst at Atlanta, GA
## 4                                          Sr Sitecore Web Developer
## 5              Oracle Identity and Access Management(5+years Only)..
## 6                                            SW test c# c++ Windows
## 7                                         Contracts Renewal Manager
## 8                                         SOC DFT/DFD Engineer -6748
## 9                                              Java Architect / SOA
## 10        Senior Power Electronics Engineer -- Innovation Award Winner
## 11                                        Mainframe Programmer Analyst
```

```
## 12                             Fullstack developer with big data Technologies
## 13         Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 14                             Associate Director-Design and Development
## 15                                                    Software Developer
## 16                                                    etmf support analyst
## 17                                                            Data Analyst
## 18                                            Business Intelligence Engineer
## 19                              Program Management And Engineering Leader
## 20                                                    IT Project Coordinator
## 21                                                    IT Portfolio Analyst
## 22                                                        WCS Architect
## 23                                                    Firewall Engineer
## 24                                            PeopleSoft Test Manager
## 25                                                TeraData Developer
## 26                                                    Support Engineer 3
## 27           Web Content Managers: Enhance a Nonprofits Website Pro Bono
## 28       Network Engineer~Competitive Compensation & Family-Oriented Team
## 29                                            IT Operations manager
## 30                                                    Level 1 Technical
## 31       Software Engineer - Programming, Blockchain Technology, bitcoin
## 32                                                Oracle DBA (Local Only)
## 33                                            Infrastructure Program Manager
## 34                                                IT Specialist -14945
## 35                                    Software Development Engineer of Test
## 36                                                        Salesforce SME
## 37                                                    Project Manager Risk
## 38   Senior Program Manager with Enterprise Storage experience need for 8
## 39                                                    help desk analyst
## 40                                            Program Manager - IT Security
## 41 Integration Specialist (Life Sciences,hospital/healthcare experience)
## 42                                                Java / Big Data Developer
## 43                                            Senior Business Analyst (9098)
## 44                                                    Java Programmer
## 45                                                Data Analyst - Only W2
## 46                                            Senior Technical Analyst
## 47                                                    Scala Developer
## 48                                    Army Aviation (AVN) Scenario Developer
## 49                             Software Developer(Esri/C#), San Diego, CA
## 50                                            Java Technical Architect
##                                             company            location
## 1                                       INFOMATICS      Georgetown, KY
## 2                                     Acumen, LLC      Burlingame, CA
## 3                                 First Tek, Inc.        Atlanta, GA
## 4                               UROOJ Corporation        Milford, CT
## 5                     Metafore Consulting Services         Groton, MA
## 6                             Systems Pros Inc.    Grand Rapids, MI
## 7                                 Varite,  Inc.    Indianapolis, IN
## 8                                 Xpeerant Inc.       San Diego, CA
## 9                                         Finezi   San Francisco, CA
## 10                                    CyberCoders         Chicago, IL
## 11             Magna Systems International, Inc.         Atlanta, GA
## 12                             Neuro Systems Inc.       Sunnyvale, CA
## 13                 Enterprise Business Solutions Inc    Falls Church, VA
## 14 The University of North Carolina at Chapel Hill     Chapel Hill, NC
```

```
## 15                    Enterprise Logic Inc.        Hillsboro, OR
## 16                   Paragon Solutions Inc.        Princeton, NJ
## 17                       Apex Systems, Inc         Richmond, VA
## 18                            CyberCoders      Redwood City, CA
## 19             Concept Software & Services, Inc.      Atlanta, GA
## 20                             TAD PGS, Inc      Chantilly, VA
## 21                 Asen Computer Associates        Waukegan, IL
## 22                        Cybersearch, Ltd.          Austin, TX
## 23                        Atlantic Partners       Bethlehem, PA
## 24         ALTEK Information Technology, Inc     Washington, DC
## 25                  Infinity Tech Group Inc       San Jose, CA
## 26                              UnifyCloud         Redmond, WA
## 27                       Taproot Foundation        Chicago, IL
## 28                             CyberCoders       Richmond, VA
## 29                               Uniqsoft Woodcliff Lake, NJ
## 30                                 eXcell          Plano, TX
## 31                             CyberCoders      Palo Alto, CA
## 32         Paramount Software Solutions, Inc        Atlanta, GA
## 33 International Information Technology Team, Inc.     stamford, CT
## 34                       Camber Corporation     Fort Rucker, AL
## 35                                  Ciber          Seattle, WA
## 36                       Pro-Tek Consulting  Mountain View, CA
## 37                          Shimento, Inc.        san ramon, CA
## 38                             ZNA Infotek        Charlotte, NC
## 39                  Cohesion Consulting LLC       baltimore, MD
## 40                              Wipro Ltd.           Miami, FL
## 41                       Ariston Tek, Inc.       Cleveland, OH
## 42                      Xoriant Corporation         Bristol, CT
## 43                          Radiansys, Inc.       San Ramon, CA
## 44          Elegant Enterprise Wide Solutions        Lansing, MI
## 45             VED Software Services, Inc.         Raleigh, NC
## 46                          Tailored Brands         Houston, TX
## 47                          Synechron Inc.        Sterling, VA
## 48          Louisiana Economic Development       Fort Polk, LA
## 49                  Structure Networks Inc.       San Diego, CA
## 50                               Capgemini        Chicago, IL
##          date
## 1  2016-10-21
## 2  2016-10-18
## 3  2016-10-21
## 4  2016-10-21
## 5  2016-10-21
## 6  2016-10-12
## 7  2016-10-21
## 8  2016-10-15
## 9  2016-10-12
## 10 2016-10-23
## 11 2016-10-03
## 12 2016-10-14
## 13 2016-10-07
## 14 2016-10-17
## 15 2016-10-19
## 16 2016-10-21
## 17 2016-10-04
```

```
## 18 2016-10-23
## 19 2016-10-20
## 20 2016-10-23
## 21 2016-10-17
## 22 2016-10-19
## 23 2016-10-21
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## 25 2016-10-12
## 26 2016-10-22
## 27 2016-10-20
## 28 2016-10-23
## 29 2016-10-21
## 30 2016-10-23
## 31 2016-10-23
## 32 2016-10-12
## 33 2016-09-27
## 34 2016-10-23
## 35 2016-10-23
## 36 2016-10-21
## 37 2016-10-21
## 38 2016-10-21
## 39 2016-10-18
## 40 2016-10-18
## 41 2016-10-20
## 42 2016-10-21
## 43 2016-10-21
## 44 2016-10-12
## 45 2016-10-05
## 46 2016-10-12
## 47 2016-10-17
## 48 2016-10-10
## 49 2016-10-10
## 50 2016-10-17

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## \API_COUNT.csv", : appending column names to file

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## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Communication&city=&text=&ip=
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## 1                  http://www.dice.com/job/result/10110732/743967?src=19
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```
## 2                     http://www.dice.com/job/result/cybercod/NK2-13236349?src=19
## 3                       http://www.dice.com/job/result/10378546/216420?src=19
## 4                         http://www.dice.com/job/result/10477708/51357?src=19
## 5                         http://www.dice.com/job/result/10122753/94648?src=19
## 6                       http://www.dice.com/job/result/sunrise/16-11870?src=19
## 7                       http://www.dice.com/job/result/10107731/747764?src=19
## 8                       http://www.dice.com/job/result/10117979/161777?src=19
## 9                       http://www.dice.com/job/result/RTX13ad66/312893?src=19
## 10 http://www.dice.com/job/result/CXMODHOU/US_EN_6_17413_53612285?src=19
## 11                      http://www.dice.com/job/result/90890095/667172?src=19
## 12                         http://www.dice.com/job/result/90819068/617?src=19
## 13                      http://www.dice.com/job/result/10365558/PSMSENG?src=19
## 14                   http://www.dice.com/job/result/RTL48417/16RNATOPS063?src=19
## 15                    http://www.dice.com/job/result/10118029/VB-CCS-738?src=19
## 16                      http://www.dice.com/job/result/90894303/627252?src=19
## 17                    http://www.dice.com/job/result/RTX18f598/4736031?src=19
## 18                      http://www.dice.com/job/result/10212426/728399?src=19
## 19                    http://www.dice.com/job/result/10112774/16001476?src=19
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##                                                                       jobTitle
## 1                                                       Sr Sitecore Web Developer
## 2      Network Engineer~Competitive Compensation & Family-Oriented Team
## 3                                            Professional Services Engineer- TAC
## 4                                                              Business Analyst
```

```
## 5                                              Business System Analyst
## 6                                                      Technical Writer
## 7                                     Internal Communications Specialist
## 8                                                       DevOps Engineer
## 9                                       Instructional Designer and Trainer
## 10             Cisco Unified Communications Engineer - Houston, TX
## 11                                     Senior TPF Programmer (Remote)
## 12 Data Analyst - This position is NOT open to interns or recent grads!!
## 13                                     Microsoft Infrastructure Engineer
## 14                                     Communication Application Engineer
## 15                                    Corporate Communications Specialist
## 16                                                        PC Technician
## 17                                              Quality Assurance Tester
## 18             .Net Developer- Multiple Positions- Immediate Interviews
## 19                                             Technical Support Spec III
## 20                                    Software Development Project Manager
## 21             Required Embedded C++ Developer in Grand Rapids, MI
## 22                                          Entry Level Business Analyst
## 23             Advanced Communication Technology Researcher - C/C++, Matlab
## 24                                          RF/FW Engineer (Semiconductor)
## 25                                                    Marketo Coordinator
## 26                                    Data Visualization & Analytics Specialist
## 27                                          Product Launch Project Manager
## 28             Project Manager, Sr. - Program Level - Plano, TX 75024
## 29                                     Technical Manager, Unified Communications
## 30                                     Unified Communications IT Engineer
## 31                                              Accounting Finance Analyst
## 32                                     Sr. Voice Operations Engineer / Manager
## 33                                     Business Development / Technical Staffing
## 34                                          IT Recruiter - Account Manager
## 35                                     SharePoint 2013 Developer - Front End
## 36             Sr. Desktop Support Specialist - NC (Local Only for interview)
## 37                                          Network Engineer-Senior (Wireless)
## 38                                     Technical Writer for South Plainfield, NJ
## 39                                                    Technical Recruiter
## 40                                     Chief of Staff (TS/SCI Clearance req'd)
## 41                                          Unified Communications, Principal
## 42                                          Manager, Unified Communications
## 43             Sr Desktop Support Specialist - NC (Local Only)
## 44                                     Unified Communications (Webex/Polycom/Goto)
## 45                                          Customer Support Representative I
## 46             Change Management / IT Communications Specialist 16-00065
## 47                                                    Senior Project Manager
## 48             Project Manager Specialist (SRF 2356) Seat # 968
## 49                                                 Helpdesk Coordinator
## 50                                              SAP ABAP/4 Developer plus
##                                            company            location
## 1                        UROOJ Corporation         Milford, CT
## 2                              CyberCoders         Richmond, VA
## 3                         iDirect Government         Herndon, VA
## 4                  Inspire IT Solutions, LLC          Atlanta, GA
## 5                                    Ciber          Phoenix, AZ
## 6                     Sunrise Systems, Inc.        Melbourne, FL
## 7                        Phoenix Staff, Inc.             tempe, AZ
```

```
## 8                             Experian Limited              Franklin, TN
## 9                       University of Minnesota          Minneapolis, MN
## 10                                       Modis              Houston, TX
## 11                                      VOSAGO              Phoenix, AZ
## 12                                    PlacingIT              Orlando, FL
## 13                        ProSource Solutions LLC          Richfield, OH
## 14        Schweitzer Engineering Laboratories, Inc.            irvine, CA
## 15                          The ProSource Group           Carlsbad, CA
## 16                              3-D Technology                Tampa, FL
## 17                                    BrainPOP            New York, NY
## 18                          GreyCell Labs, Inc              Albany, NY
## 19 The Guardian Life Insurance Company Of America        Bethlehem, PA
## 20                                  SHR Talent             Franklin, TN
## 21                                KPG 99 Inc.          grand rapids, MI
## 22                  National Software Management         Pittsburgh, PA
## 23                                 CyberCoders            San Diego, CA
## 24                                 CyberCoders             San Jose, CA
## 25                          Bay Area Techworkers           San Ramon, CA
## 26            Net ESolutions Corporation (NETE)           Rockville, MD
## 27                                      Incedo        Thousand Oaks, CA
## 28                            NewData Strategies               Plano, TX
## 29                    Principle Solutions Group              Raleigh, NC
## 30                                        Rand         Santa Monica, CA
## 31                        eRichards Consulting         Southborough, MA
## 32                          iTech Solutions, Inc         Eden Prairie, MN
## 33                  Top Source International Inc.          Hicksville, NY
## 34                        Norgate Technology Inc         Garden City, NY
## 35                            360 Resources LLC   Greenwood Village, CO
## 36            Paramount Software Solutions, Inc            Raleigh, NC
## 37                              Evolvers Group                 Plano, TX
## 38                          E-Solutions, Inc.     South Plainfield, NJ
## 39                            Arthur Lawrence             Pearland, TX
## 40                                Take 2 Group            Chantilly, VA
## 41                                 BAE Systems               Dulles, VA
## 42                              Vizient, Inc.               Irving, TX
## 43            Paramount Software Solutions, Inc            Aberdeen, NC
## 44                Strategic Staffing Solutions          Saint Louis, MO
## 45                Financial Software Solutions              Houston, TX
## 46               Trillium Solutions Group, Inc.           Bay Shore, NY
## 47                                       Ciber            Nashville, TN
## 48               Louisiana Economic Development        Bossier City, LA
## 49                                       Ciber         Indianapolis, IN
## 50                        eRichards Consulting               Orange, CT
##          date
## 1  2016-10-21
## 2  2016-10-23
## 3  2016-10-23
## 4  2016-10-19
## 5  2016-10-23
## 6  2016-10-19
## 7  2016-10-23
## 8  2016-10-23
## 9  2016-10-21
## 10 2016-10-23
```

```
## 11 2016-10-17
## 12 2016-10-20
## 13 2016-09-27
## 14 2016-10-14
## 15 2016-10-21
## 16 2016-10-20
## 17 2016-10-18
## 18 2016-10-21
## 19 2016-10-23
## 20 2016-09-26
## 21 2016-10-20
## 22 2016-10-20
## 23 2016-10-23
## 24 2016-10-23
## 25 2016-10-18
## 26 2016-10-23
## 27 2016-10-20
## 28 2016-10-21
## 29 2016-09-29
## 30 2016-10-13
## 31 2016-10-10
## 32 2016-10-21
## 33 2016-10-21
## 34 2016-10-19
## 35 2016-09-26
## 36 2016-10-12
## 37 2016-10-21
## 38 2016-10-21
## 39 2016-10-21
## 40 2016-10-17
## 41 2016-10-23
## 42 2016-09-23
## 43 2016-10-12
## 44 2016-10-14
## 45 2016-09-27
## 46 2016-10-17
## 47 2016-10-23
## 48 2016-10-18
## 49 2016-10-23
## 50 2016-10-10

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $firstDocument
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## $lastDocument
## [1] 50
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## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Business+Acumen&city=&text=&:
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## $resultItemList
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## 4                    http://www.dice.com/job/result/rhalfint/04600-123753?src=19
## 5                   http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6                            http://www.dice.com/job/result/10110732/743967?src=19
## 7                           http://www.dice.com/job/result/RTX197508/635374?src=19
## 8                  http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 9                              http://www.dice.com/job/result/cxconmn/75544?src=19
## 10                          http://www.dice.com/job/result/atrilogy/7155105A?src=19
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## 13                          http://www.dice.com/job/result/RTX17fa40/4637374?src=19
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## 38                   http://www.dice.com/job/result/rhalfint/00700-9500203712?src=19
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## 47                    http://www.dice.com/job/result/10106525/24138012000005912?src=19
## 48                          http://www.dice.com/job/result/sgainc/16-03321?src=19
```

```
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## 50                                  http://www.dice.com/job/result/appblok/1609_627861?src=19
##                                                                                       jobTitle
## 1                                                                        Business/Systems Analyst
## 2                                                                Technical Business Analyst with BI Exp
## 3                                                                     Cloud Architect - Eden Prairie, MN
## 4                                                                                Business Analyst
## 5                                                             Data Modeler III - Business Intelligence Architect
## 6                                                                            Sr Sitecore Web Developer
## 7                                                                            Business Systems Analyst
## 8                                                                Technical Project Manager (REMOTE) APPLICATIONS
## 9                                                                                Sr. Project Manager
## 10                                                                          HRIS Business Systems Analyst
## 11                                                                Business Analyst--Healthcare--Long Beach CA
## 12                                                                        SQL BI/ETL Developer - Canton, OH
## 13                                                                                Support Engineer 3
## 14                                                                            Crystal Reports Developer
## 15                                                                            BUSINESS SYSTEMS CONSULTANT
## 16                                                                                IT Project Manager
## 17                                                                                Sr. Business Analyst
## 18                                                                        Campaign Database Business Analyst
## 19                                                            Business Intelligence and Analytics Manager--Washington, DC
## 20                                                                                SharePoint Developer
## 21                                                                            Senior Business Analyst (9098)
## 22                                                                Developer Business Intelligence(**DIRECT CLIENT**)
## 23                                                                            Software Developer--AngularJS/.NET
## 24                                                                            Regional Account Executive
## 25                                                                            Sr. Analytics / Software Eningeer
## 26                                                                                Business Analyst I
## 27                                                                            Technical Architect - Java/J2EE
## 28                                                                                e-Business Process Lead
## 29                                                                            Senior Network Engineer
## 30                                                                            MicroStrategy Developer
## 31                                                                            ServiceNow Business Analyst
## 32                                                                            BUSINESS SYSTEMS CONSULTANT 4
## 33                                                                                     C Developer
## 34                                                                            Senior Business Analyst
## 35                                                                            Business Analyst - DAM systems
## 36                                                                            Sr Disaster Recovery/ Back-up Engineer
## 37                                                            Mortgage Product Development Manager-Financial Services III
## 38                                                                            Senior Software Architect
## 39                                                                            Business Systems Analyst
## 40                                                                            Data Modeler - SAP HANA
## 41                                                                            Business Objects Developer (Canada)
## 42 urgent Hire - Sr. Business Analyst with pharma and compliance regulatory exp. - North Wales, PA
## 43                                                                            Programmer I/II Technology
## 44                                                                            Senior Analyst, Logistics Apps
## 45                                                                Jr. Business Objects Developer/Analyst--Perm Only - NYC
## 46                                                                            Linux Administrator - MN or Telecommute
## 47                                            Performance Management Manager - Oracle Planning and Budgeting Cloud Service (PBCS)
## 48                                                                            Adaptive/Metadata Architect
## 49                                                                            Business Objects  Report writer - HOT Need!!
## 50                                                            Big Data Solutions Architect (Hadoop / Mark logic) - Multiple Locations
##                                                    company            location        date
```

```
## 1                                        Volt         Jersey City, NJ 2016-10-23
## 2                              Aptude, Inc.            Green Bay, WI 2016-10-19
## 3                        UnitedHealth Group            Santa Ana, CA 2016-10-23
## 4                     Robert Half Technology            Milwaukee, WI 2016-10-23
## 5                                Fannie Mae           Washington, DC 2016-10-23
## 6                         UROOJ Corporation              Milford, CT 2016-10-21
## 7                               BillingTree              Phoenix, AZ 2016-10-19
## 8                                 Advantage              Chicago, IL 2016-10-23
## 9                                  Consultis Fort Lauderdale, FL 2016-10-23
## 10           Atrilogy Solutions Group, Inc.               Irvine, CA 2016-10-21
## 11               Sedna Consulting Group           Long Beach, CA 2016-10-23
## 12    TapRoot Recruiting Solutions, Inc.               Canton, OH 2016-10-23
## 13                              UnifyCloud              Redmond, WA 2016-10-22
## 14    Next Level Business Services, Inc.            Nashville, TN 2016-10-21
## 15                         Matrix Resources            Charlotte, NC 2016-10-23
## 16                     Teradata Corporation               Dayton, OH 2016-10-23
## 17                         TEKsystems, Inc.            Nashville, TN 2016-10-23
## 18                             Kforce Inc.              Detroit, MI 2016-10-22
## 19               Sedna Consulting Group           Washington, DC 2016-10-23
## 20                             Kforce Inc.            Oak Brook, IL 2016-10-22
## 21                         Radiansys, Inc.            San Ramon, CA 2016-10-21
## 22                      XCEL Solutions Corp.             NEW YORK, NY 2016-10-23
## 23                              TMW Systems               Dallas, TX 2016-10-23
## 24                               PeerSource              Chicago, IL 2016-10-20
## 25                         The Judge Group           Burlington, MA 2016-10-23
## 26                                JDC Group                          2016-10-23
## 27                        UnitedHealth Group                Hyderabad 2016-10-23
## 28 Systems Technology Group Inc. (STG)             Dearborn, MI 2016-10-21
## 29                   Randstad Technologies          San Antonio, TX 2016-10-23
## 30                          ConsultNet, LLC               Irving, TX 2016-10-23
## 31            Genoa International Solutions            Ann Arbor, MI 2016-10-21
## 32                         Matrix Resources           Des Moines, IA 2016-10-23
## 33                              TransUnion              Chicago, IL 2016-10-23
## 34                                   Modis             New York, NY 2016-10-23
## 35                                  Pozent   New York City, NY 2016-10-20
## 36                  Pratt Brown & Associates                Tampa, FL 2016-09-28
## 37                                Fannie Mae           Washington, DC 2016-10-23
## 38                    Robert Half Technology             Hartford, CT 2016-10-23
## 39               JSL Computer Services, Inc.               Lanham, MD 2016-10-20
## 40                          NewWay Recruiting     West Chester, PA 2016-10-20
## 41                                   Virtusa              Toronto, ON 2016-10-20
## 42                            Job Cloud Inc.          North Wales, PA 2016-10-21
## 43              Bebee Affinity Social Network              Billings, MT 2016-10-23
## 44                                   Chico's           Fort Myers, FL 2016-10-23
## 45                     Mitchell Martin, Inc.   New York City, NY 2016-10-20
## 46                        UnitedHealth Group           Minnetonka, MN 2016-10-23
## 47                                 Deloitte              Detroit, MI 2016-10-23
## 48              Software Guidance & Assistance          New York, NY 2016-10-23
## 49                     Vertex Solutions Inc.           Greenville, NC 2016-10-21
## 50                        UnitedHealth Group      Eden Prairie, MN 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file
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## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $lastDocument
## [1] 38
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## 1        http://www.dice.com/job/result/10124418/SQLFD7716?src=19
## 2   http://www.dice.com/job/result/cybercod/AY2-131957426?src=19
## 3         http://www.dice.com/job/result/kimtecir/MC101278?src=19
## 4            http://www.dice.com/job/result/10471966/005266?src=19
## 5           http://www.dice.com/job/result/RTL160883/269115?src=19
## 6           http://www.dice.com/job/result/RTX166689/712247?src=19
## 7            http://www.dice.com/job/result/10271304/743947?src=19
## 8           http://www.dice.com/job/result/RTX16f6b6/50255V?src=19
## 9            http://www.dice.com/job/result/10275679/745602?src=19
## 10             http://www.dice.com/job/result/marsh/MCS2709?src=19
## 11           http://www.dice.com/job/result/10115914/ICG-424?src=19
## 12   http://www.dice.com/job/result/cybercod/PS-13246865?src=19
## 13   http://www.dice.com/job/result/10371975/GITS10DOCT16?src=19
## 14           http://www.dice.com/job/result/10113686/580505?src=19
## 15         http://www.dice.com/job/result/10115235/16-03048?src=19
## 16        http://www.dice.com/job/result/10113446/2016-2882?src=19
## 17        http://www.dice.com/job/result/10113446/2016-2883?src=19
## 18              http://www.dice.com/job/result/ndi/62621-1?src=19
## 19         http://www.dice.com/job/result/90612643/4731251?src=19
## 20          http://www.dice.com/job/result/10154347/536526?src=19
## 21          http://www.dice.com/job/result/hexaware/Eagle1?src=19
## 22           http://www.dice.com/job/result/10108942/12529?src=19
## 23         http://www.dice.com/job/result/10216746/740814?src=19
## 24              http://www.dice.com/job/result/ADAL/B16d?src=19
## 25         http://www.dice.com/job/result/hexaware/484379?src=19
## 26        http://www.dice.com/job/result/RTL61687/16-00579?src=19
## 27 http://www.dice.com/job/result/cybercod/AW-1164422114?src=19
## 28   http://www.dice.com/job/result/10423121/16-04956001?src=19
## 29           http://www.dice.com/job/result/10113844/00522?src=19
## 30        http://www.dice.com/job/result/10452799/50992-GA?src=19
## 31           http://www.dice.com/job/result/kenica/737776?src=19
## 32   http://www.dice.com/job/result/cybercod/PS-13247065?src=19
## 33   http://www.dice.com/job/result/cybercod/PS-13245655?src=19
## 34   http://www.dice.com/job/result/cybercod/PS-13246975?src=19
## 35          http://www.dice.com/job/result/asdinc/SRF2394?src=19
## 36         http://www.dice.com/job/result/10113343/667973?src=19
## 37         http://www.dice.com/job/result/RTX16f6b6/30017V?src=19
## 38   http://www.dice.com/job/result/90969740/QUA-16-00003?src=19
##                                                          jobTitle
## 1                              MS SQL Server Developer (ETL)
```

```
## 2                       Infrastructure Engineering Manager
## 3   Healthcare Director / Director of Quality Performance / HEDIS
## 4                       Microstrategy Developer / Architect
## 5                       Mid-Level Data Warehouse Developer
## 6                       Data Modeler - Data Management (EDM)
## 7                                              CNC Programmer
## 8                       Business Intell Data Architect
## 9                                       Data Modeler (On W2)
## 10                                             Data Analyst
## 11                                     Sr. Sitecore developer
## 12  Senior Coding Analyst - Risk Adjustment - Medical Coding, ICD-10
## 13                       Sr. Hyperion Oracle DRM/DRG Consultant
## 14                             Developer (Financial Industry)
## 15                                   Data Engineer - 16-03048
## 16              Information Services Data Analyst (2016-2882)
## 17              Information Services Data Analyst (2016-2883)
## 18                        Senior Professional ETL Developer
## 19                        High Performance Computing Specialist
## 20                             Senior SQL Server Developer
## 21                                   Eagle Star/Pace developer
## 22                                     ETL Developer  - 12529
## 23 MicroStrategy Developers HERE IN McLean VA (Face to Face required)
## 24  Business Intelligence Engineer (T-SQL, ETL, SSRS, DW, Cognos...)
## 25                                   Eagle Star/Pace developer
## 26                                     MicroStrategy Developer
## 27  Data Warehouse Architect **Will relocate the right candidate**
## 28                                          Sr ETL Developer
## 29                        Data Warehouse Architect and ETL Lead
## 30                        Oracle OBIEE Developer (Local only)
## 31                                            OBIEE Developer
## 32  Remote Coding Analyst - Risk Adjustment - Medical Coding, ICD-10
## 33  Coding Analyst - Risk Adjustment - Medical Coding, ICD-10, HEDIS
## 34                       Principal Coding Analyst - Risk Adjustment
## 35                                    SR. ORACLE DW DEVELOPER
## 36              Oracle Data Warehouse Analyst/Developer Consultant
## 37                                   Manager, BI Sys Supp & Admin
## 38                                        Manager, STAR Program
##                                company            location       date
## 1     Systems Technology Group Inc. (STG)     Dearborn, MI 2016-10-16
## 2                            CyberCoders       Bothell, WA 2016-10-23
## 3           Advantex Professional Services      Orange, CA 2016-10-18
## 4                          Open Analytics      McLean, VA 2016-10-13
## 5                      Exsilio Consulting      Irvine, CA 2016-10-21
## 6                              QVC, Inc.  West Chester, PA 2016-09-26
## 7                        Net2Source Inc.      Dayton, OH 2016-10-21
## 8               TriWest Healthcare Alliance    Phoenix, AZ 2016-09-28
## 9                              Virtusoft   Alpharetta, GA 2016-10-20
## 10             Marsh Consulting Services   Alpharetta, GA 2016-10-20
## 11                       ICON Technologies  Louisville, KY 2016-10-21
## 12                            CyberCoders       Eagan, MN 2016-10-23
## 13            Global It Solutions Usi Inc Foster City,, CA 2016-10-10
## 14              Eagle Investment Systems     Everett, MA 2016-10-17
## 15                            Akraya, Inc.    San Diego, CA 2016-10-23
## 16                      Fisher Investments    San Mateo, CA 2016-10-20
```

```
## 17                           Fisher Investments        Camas, WA 2016-10-20
## 18                                   eclaro OVERLAND PARK, KS 2016-10-18
## 19 New York University Chemistry Department      New York, NY 2016-10-14
## 20                                      TCG   Washington, DC 2016-10-05
## 21               Hexaware Technologies, Inc    Northbrook, IL 2016-09-28
## 22                            Maxonic, Inc.     Bethesda, MD 2016-10-21
## 23                             Advansys Inc        Mclean, VA 2016-10-19
## 24                  Advancement Alternatives    Burlington, MA 2016-10-21
## 25               Hexaware Technologies, Inc    Northbrook, IL 2016-09-28
## 26                    CompuGain Corporation        McLean, VA 2016-10-21
## 27                              CyberCoders  Culver City, CA 2016-10-23
## 28                                 CompNova Overland Park, KS 2016-10-21
## 29                    UTC Associates, Inc.      New York, NY 2016-10-20
## 30          Paramount Software Solutions, Inc      Atlanta, GA 2016-10-12
## 31              Kenica Technologies, Inc.        Aiken, SC 2016-10-18
## 32                              CyberCoders        Eagan, MN 2016-10-23
## 33                              CyberCoders        Eagan, MN 2016-10-23
## 34                              CyberCoders        Eagan, MN 2016-10-23
## 35                              ASD, Inc.    ARLINGTON, VA 2016-10-21
## 36                       Royal & Ross, Inc.      Houston, TX 2016-10-21
## 37              TriWest Healthcare Alliance      Phoenix, AZ 2016-09-23
## 38                          BCBSAZ Advantage      Phoenix, AZ 2016-10-19
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 689
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Other+Scientific+Disciplines&
##
## $resultItemList
##                                                                       detailUrl
## 1                        http://www.dice.com/job/result/cxjudgpa/509451?src=19
## 2                        http://www.dice.com/job/result/RTX197508/635374?src=19
## 3                 http://www.dice.com/job/result/cybercod/DA3-131800525?src=19
## 4                  http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 5                 http://www.dice.com/job/result/cybercod/LP1-130822575?src=19
## 6                        http://www.dice.com/job/result/amazon20/421626?src=19
## 7                        http://www.dice.com/job/result/comrise/733164?src=19
## 8  http://www.dice.com/job/result/chicos/9535 Location Fort Myers, Florida?src=19
## 9                        http://www.dice.com/job/result/ngitbot/15021467?src=19
## 10                http://www.dice.com/job/result/booz/J3J1XP64N6R6GGM76DS?src=19
## 11                        http://www.dice.com/job/result/10198331/GA-51278?src=19
## 12                http://www.dice.com/job/result/10121034/8887BRDIC?src=19
```

```
## 13         http://www.dice.com/job/result/10112156/GDH_37540-444?src=19
## 14         http://www.dice.com/job/result/10112156/GDH_35952-949?src=19
## 15               http://www.dice.com/job/result/msyca001/JGZ-4393?src=19
## 16     http://www.dice.com/job/result/softwinc/Softworld_2221-180?src=19
## 17                    http://www.dice.com/job/result/tca/GHAYE83?src=19
## 18              http://www.dice.com/job/result/10110945/4932?src=19
## 19              http://www.dice.com/job/result/10112000/8285?src=19
## 20         http://www.dice.com/job/result/amazusret/455279?src=19
## 21         http://www.dice.com/job/result/10114742/FB-MPRA3138?src=19
## 22         http://www.dice.com/job/result/ngitbot/16016988?src=19
## 23              http://www.dice.com/job/result/10212908/GD099?src=19
## 24              http://www.dice.com/job/result/10110945/4936?src=19
## 25              http://www.dice.com/job/result/10212908/GD100?src=19
## 26          http://www.dice.com/job/result/10179154/740827?src=19
## 27         http://www.dice.com/job/result/ngitbot/16014916?src=19
## 28         http://www.dice.com/job/result/ngitbot/16012883?src=19
## 29             http://www.dice.com/job/result/techrp/743471?src=19
## 30              http://www.dice.com/job/result/10110945/4977?src=19
## 31          http://www.dice.com/job/result/amazon20/433927?src=19
## 32     http://www.dice.com/job/result/appblok/1609_660382_3?src=19
## 33            http://www.dice.com/job/result/90664300/747445?src=19
## 34         http://www.dice.com/job/result/ngitbot/16009733?src=19
## 35     http://www.dice.com/job/result/10106409/SciSoft-4493616?src=19
## 36     http://www.dice.com/job/result/softwinc/Softworld_2223-143?src=19
## 37              http://www.dice.com/job/result/10204393/18334BR?src=19
## 38              http://www.dice.com/job/result/10109419/1575131?src=19
## 39               http://www.dice.com/job/result/techrm/Java23?src=19
## 40              http://www.dice.com/job/result/10115962/595560?src=19
## 41              http://www.dice.com/job/result/10116697/738572?src=19
## 42              http://www.dice.com/job/result/10110945/4691?src=19
## 43          http://www.dice.com/job/result/10122753/94636?src=19
## 44          http://www.dice.com/job/result/10444401/oWK13fwu?src=19
## 45              http://www.dice.com/job/result/10110945/4692?src=19
## 46              http://www.dice.com/job/result/10117623/2082?src=19
## 47         http://www.dice.com/job/result/cybercod/CD-131305953?src=19
## 48              http://www.dice.com/job/result/10110945/5000?src=19
## 49              http://www.dice.com/job/result/SOFTENG/2002942?src=19
## 50     http://www.dice.com/job/result/softwinc/Softworld_2220-164?src=19
##                                                          jobTitle
## 1                                        Test Engineering Architect
## 2                                          Business Systems Analyst
## 3                                     Business Intelligence Engineer
## 4          Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 5         Digital Design Verification Lead - Ethernet -Start-up and More!
## 6                           Quality Assurance Engineer - Amazon Business
## 7                                          Seniot Software Developer
## 8                                       Senior Analyst, Logistics Apps
## 9                                       Cyber Software Engineer 3 - Test
## 10                                             Systems Engineer, Senior
## 11                                         HRA Senior Business Analyst
## 12                                        Enterprise Security Architect
## 13                                                    Account Manager
## 14                                                 Mechanical Designer
## 15                                                  CA Tools Consultant
```

```
## 16                                          Sr Systems Engineer
## 17                                    Banner Software Engineer
## 18                                          Project Engineer
## 19                                      Director of Engineering
## 20                              Software Development Engineer
## 21                                          Research Analyst
## 22                                    Cyber Software Engineer 4
## 23                        GD099 Scientific Software Programmer
## 24                              SIGINT Geospatial Analyst II
## 25                        GD100 Earth Data Support Scientist
## 26                                          Capture Manager
## 27                                    Cyber Systems Engineer 4
## 28                                    Cyber Software Engineer 2/3
## 29                              Senior Adobe AEM Systems Engineer
## 30                                    Ruby on Rails Developer
## 31                              Senior Industrial Design Researcher
## 32 Director, Data & Advanced Analytic Tools Consulting - Multiple Locations
## 33                                          Security System Admins
## 34                        Principal Cyber Systems Engineer w/ Polygraph
## 35                              Scientific Software Specialist and BA
## 36                                          Network Engineer
## 37                              Senior Associate - Business Consulting
## 38                              Enterprise Network Support Engineer
## 39                                    Senior Java Developer (Gemfire)
## 40                                          Sr. Network Engineer
## 41                  Project Manager w/ WMS (Warehouse Management System)
## 42                              Associate Data Analytics Engineer
## 43                                                    SCSM Admin
## 44                        EDI Analyst - Encounters and Claims
## 45                                          Software Engineer III
## 46                                          Senior Data Scientist
## 47                  HVAC CAD Sketcher/Drafter - CAD, HVAC Sketching, REVIT
## 48                                          Cyber Security Engineer
## 49                                          Data Integration Analyst
## 50                                          Windows Systems Administrator
##                              company                location        date
## 1                  The Judge Group          New York, NY 2016-10-23
## 2                        BillingTree          Phoenix, AZ 2016-10-19
## 3                        CyberCoders     Redwood City, CA 2016-10-23
## 4                        CyberCoders    San Francisco, CA 2016-10-23
## 5                        CyberCoders       Pittsburgh, PA 2016-10-23
## 6                            Amazon           Austin, TX 2016-10-19
## 7                           Comrise       Alpharetta, GA 2016-10-12
## 8                           Chico's        Fort Myers, FL 2016-10-23
## 9                  NORTHROP GRUMMAN        Fort Meade, MD 2016-10-22
## 10          Booz Allen Hamilton        Lexington, MA 2016-10-23
## 11    InfoSmart Technologies Inc          Atlanta, GA 2016-10-21
## 12                      Travelers         Hartford, CT 2016-10-23
## 13                 GDH Consulting            Wixom, MI 2016-10-23
## 14                 GDH Consulting       Santa Clara, CA 2016-10-23
## 15                       MSYS Inc.          Raleigh, NC 2016-10-21
## 16                   Softworld Inc          Atlanta, GA 2016-10-23
## 17     TCA Consulting Group, Inc.        New Haven, CT 2016-10-13
## 18                          Noblis         Chantilly, VA 2016-10-23
```

```
## 19                    Andiamo Partners           New York, NY 2016-10-23
## 20                            Amazon               Seattle, WA 2016-10-23
## 21                      Calsoft Labs           Menlo Park, CA 2016-10-21
## 22                  NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 23                 Adnet Systems, Inc          Greenbelt, MD 2016-10-23
## 24                            Noblis Annapolis Junction, MD 2016-10-23
## 25                 Adnet Systems, Inc          Greenbelt, MD 2016-10-23
## 26      Trusted Mission Solutions, Inc.           McLean, VA 2016-10-21
## 27                  NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 28                  NORTHROP GRUMMAN      Millersville, MD 2016-10-22
## 29                     Latitude36 Inc            Austin, TX 2016-10-20
## 30                            Noblis          Virginia, VA 2016-10-23
## 31                            Amazon     San Francisco, CA 2016-10-19
## 32                UnitedHealth Group        Washington, DC 2016-10-23
## 33                  L7 Resources LLC.        Huntsville, AL 2016-10-21
## 34                  NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 35   CSI (Consultant Specialists Inc.)       Brentwood, CA 2016-10-21
## 36                     Softworld Inc       Burlingame, CA 2016-10-23
## 37                            Infosys          New York, NY 2016-10-23
## 38 Hewlett Packard Enterprise Company        Alpharetta, GA 2016-10-23
## 39      Technology Resource Management     Morris Plains, NJ 2016-10-12
## 40             Connections of New York          New York, NY 2016-10-19
## 41            IBA Software Technologies        Framingham, MA 2016-10-17
## 42                            Noblis       Falls Church, VA 2016-10-23
## 43                             Ciber            Omaha, NE 2016-10-23
## 44                     Valence Health          Chicago, IL 2016-10-23
## 45                            Noblis Annapolis Junction, MD 2016-10-23
## 46                           comScore         Portland, OR 2016-10-23
## 47                        CyberCoders         New York, NY 2016-10-23
## 48                            Noblis        United States 2016-10-23
## 49        Software Engineering Institute       Pittsburgh, PA 2016-10-03
## 50                     Softworld Inc       Crystal City, VA 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file


## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 92
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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Statistics&city=&text=&ip=&d:
##
## $resultItemList
##                                                                    detailUrl
## 1              http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
## 2               http://www.dice.com/job/result/RTX151f11/564446?src=19
```

```
## 3                          http://www.dice.com/job/result/10123851/4929?src=19
## 4                  http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 5                    http://www.dice.com/job/result/10114776/SMA00005?src=19
## 6                      http://www.dice.com/job/result/10504871/261274?src=19
## 7                      http://www.dice.com/job/result/10359170/744741?src=19
## 8                  http://www.dice.com/job/result/cybercod/SM7-131394431?src=19
## 9                   http://www.dice.com/job/result/cybercod/NG-131927726?src=19
## 10                     http://www.dice.com/job/result/RTL941989/723113?src=19
## 11                 http://www.dice.com/job/result/cybercod/KK1-132147118?src=19
## 12                 http://www.dice.com/job/result/cybercod/RE1-131004266?src=19
## 13                 http://www.dice.com/job/result/10294672/TD_C#_Quantdev?src=19
## 14 http://www.dice.com/job/result/cybercod/SJ2-HeadOfAnalytics-1020165?src=19
## 15                 http://www.dice.com/job/result/cybercod/OH1-13245385?src=19
## 16                          http://www.dice.com/job/result/gsc/16-01252n?src=19
## 17                 http://www.dice.com/job/result/cybercod/KSK-126801727?src=19
## 18                   http://www.dice.com/job/result/10114776/ENT0000E?src=19
## 19                 http://www.dice.com/job/result/90969740/BUS-16-00013?src=19
## 20                   http://www.dice.com/job/result/10427675/JE-C-DS?src=19
## 21                      http://www.dice.com/job/result/10118594/707936?src=19
## 22                 http://www.dice.com/job/result/cybercod/SM7-131392150?src=19
## 23                     http://www.dice.com/job/result/SOFTENG/2001624?src=19
## 24                      http://www.dice.com/job/result/80124351/724941?src=19
## 25                      http://www.dice.com/job/result/90767815/675141?src=19
## 26                 http://www.dice.com/job/result/cybercod/NNG-123041272?src=19
## 27                   http://www.dice.com/job/result/10124296/stat_roswell?src=19
## 28                      http://www.dice.com/job/result/90833617/732438?src=19
## 29                   http://www.dice.com/job/result/10115382/D1389-TX03?src=19
## 30                      http://www.dice.com/job/result/90929784/RS2898?src=19
## 31                     http://www.dice.com/job/result/napil006/JWTC++?src=19
## 32                   http://www.dice.com/job/result/10116711/PUR010013?src=19
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## 34                 http://www.dice.com/job/result/cybercod/SK-130626082?src=19
## 35                 http://www.dice.com/job/result/cybercod/SM7-131443446?src=19
## 36                      http://www.dice.com/job/result/90833617/740905?src=19
## 37                     http://www.dice.com/job/result/precisn/3032DI?src=19
## 38                   http://www.dice.com/job/result/10230037/MSPAC0010?src=19
## 39                      http://www.dice.com/job/result/90833617/740922?src=19
## 40                      http://www.dice.com/job/result/90833617/700446?src=19
## 41                      http://www.dice.com/job/result/10333482/722357?src=19
## 42                       http://www.dice.com/job/result/10474433/3128?src=19
## 43                      http://www.dice.com/job/result/10341964/556699?src=19
## 44                 http://www.dice.com/job/result/10119083/DataScienceRsi?src=19
## 45                      http://www.dice.com/job/result/10366547/616375?src=19
## 46                      http://www.dice.com/job/result/90864850/345745?src=19
## 47                      http://www.dice.com/job/result/10111403/J01968?src=19
## 48                      http://www.dice.com/job/result/10117979/162114?src=19
## 49                   http://www.dice.com/job/result/10208346H/2412_Ora_NJ?src=19
## 50                     http://www.dice.com/job/result/RTX1bab91/4744141?src=19
##                                                                        jobTitle
## 1                    Test Data Engineer - Relaxed environment and awesome culture!
## 2                                                            Senior Data Analyst
## 3                                                      Test Software Engineer (4929)
## 4                                              Data Scientist - Junior-Senior Levels!
## 5                                        Supervisor, Rating and Underwriting Consultant
```

```
## 6                                       Entry Level Data Analyst/ Fresh Graduate
## 7                                Need SAS Financial Data Analyst - Immediate Need
## 8                          Technical Product Manager -Cyber Security Sector!!
## 9                                              Sr Machine Learning Scientist
## 10                                                            Data Engineer
## 11                             Data Scientist - Fraud detection technology!
## 12                                             Machine Learning Scientist
## 13                                     Lead C# Quant Developer - ETF Trading
## 14                       Head of Data Analytics - use big data for the greater good!
## 15                       Data Scientist - Machine Learning, C/C++, Active Filtering
## 16                                              AML Optimization Statistician
## 17                                       Mechanical Engineer - Boiler Design
## 18                                                        Actuarial Analyst I
## 19                                        Business Intelligence Analyst
## 20                                                            Data Scientist
## 21                                            Process innovation Manager
## 22                          Technical Product Manager -Cyber Security Sector!!
## 23                                     Machine Learning Research Scientist
## 24                                 Success Advocate (tech support / trainer)
## 25                                                    Algo Quant Strategist
## 26                                                    Lead Data Scientist
## 27                                                    Sr. R&D Statistician
## 28                                                    Lead Java Developer
## 29 ETL Pipeline Developer (with Statistics, Data Science, Bayesian Modeling)(relo provided)
## 30                                                        Deep Learning Expert
## 31                                                            C++ Developer
## 32                                     Supply Chain Analyst - SQL Programmer
## 33                                                            Process Engineer
## 34                                       Data Scientist - Sales Platform - RELO
## 35                          Technical Product Manager -Cyber Security Sector!!
## 36                                                        Business Analyst
## 37       Sr. Data Scientist - Machine Learning, Python, R, Predictive Analytics / Big Data
## 38                                                            Data Analyst
## 39                                                        Business Analyst
## 40                             Quality Assurance Specialist (SRF 1804) Seat #970
## 41                                                    Quantitative Analyst
## 42                                                            Biostatistician
## 43                                //CA-Bay Area//  DATA SCIENTIST [ No C2C- 00 ]
## 44                                                            Data Scientist
## 45                       Lead Node.js Software Engineer / Architect (up to $160k, 1% equity)
## 46                                                                    Modeler
## 47                                    Adobe Insights Analyst  (#1065-MH2444)
## 48                                                        Datalab Engineer
## 49                                                    Sr. Quant Developer
## 50                                                    full stack developer
##                              company            location        date
## 1                        CyberCoders          Boise, ID 2016-10-23
## 2                McHenry County College  Crystal Lake, IL 2016-10-20
## 3        Embedded Resource Group, Inc Mountain View, CA 2016-10-21
## 4                        CyberCoders   Los Angeles, CA 2016-10-23
## 5                              BCBSM       Detroit, MI 2016-10-23
## 6                          ConsultAdd       Dallas, TX 2016-10-20
## 7                 Nueva Solutions, Inc.  Jersey City, NJ 2016-10-21
## 8                        CyberCoders    Washington, DC 2016-10-23
```

```
## 9                           CyberCoders     San Carlos, CA 2016-10-23
## 10                     Tufts University        Medford, MA 2016-10-19
## 11                          CyberCoders       Bellevue, WA 2016-10-23
## 12                          CyberCoders      Lexington, MA 2016-10-23
## 13                 Futures Group IT LLC.       New York, NY 2016-10-21
## 14                          CyberCoders  San Francisco, CA 2016-10-23
## 15                          CyberCoders        Raleigh, NC 2016-10-23
## 16             RMS Computer Corporation          Tampa, FL 2016-10-21
## 17                          CyberCoders      Millbrook, AL 2016-10-23
## 18                                BCBSM        Detroit, MI 2016-10-23
## 19                     BCBSAZ Advantage        Phoenix, AZ 2016-10-13
## 20            MatchPoint Consulting Group        Wayne, PA 2016-10-21
## 21                  Adi WorldLink, LLC     Richardson, TX 2016-10-21
## 22                          CyberCoders      San Diego, CA 2016-10-23
## 23        Software Engineering Institute    Pittsburgh, PA 2016-10-03
## 24                 reTECH Solutions Inc.          elgin, IL 2016-10-20
## 25                     Konnect Partners    Jersey City, NJ 2016-09-28
## 26                          CyberCoders    Los Angeles, CA 2016-10-23
## 27            Principle Solutions Group        Roswell, GA 2016-10-12
## 28        Louisiana Economic Development         Monroe, LA 2016-10-11
## 29 MBA IT Consulting Services, Inc.       Fort Worth, TX 2016-10-21
## 30              Hexagon Talent Capital      SAN RAMON, CA 2016-10-22
## 31               Request Technology, LLC       Chicago, IL 2016-10-10
## 32                   MEDLINE INDUSTRIES      Mundelein, IL 2016-10-23
## 33                         Asquare.com          Malta, NY 2016-10-19
## 34                          CyberCoders          Provo, UT 2016-10-23
## 35                          CyberCoders         Dallas, TX 2016-10-23
## 36        Louisiana Economic Development     Baton Rouge, LA 2016-10-18
## 37                     Precision Systems       New York, NY 2016-10-23
## 38          Mavensoft Technologies, LLC      Hillsboro, OR 2016-09-29
## 39        Louisiana Economic Development     Baton Rouge, LA 2016-10-18
## 40        Louisiana Economic Development    Bossier City, LA 2016-10-18
## 41                      Lawrence Harvey  San Francisco, CA 2016-10-21
## 42               ICON Technical Network         Denver, CO 2016-10-05
## 43                                 PMC        Belmont, CA 2016-10-21
## 44                    Genesys Infotech  Mountain View, CA 2016-10-22
## 45                   Skyrocket Ventures  San Francisco, CA 2016-10-20
## 46                        Title Source        Detroit, MI 2016-10-17
## 47              Moorecroft Systems Inc.    Los Angeles, CA 2016-10-21
## 48                     Experian Limited      San Diego, CA 2016-10-23
## 49                           Collabera    Jersey City, NJ 2016-10-21
## 50                       Indoor Reality       berkeley, CA 2016-10-21
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## [1] 1
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## $lastDocument
## [1] 50
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## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Computer+Science&city=&text=&
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##                                                                    detailUrl
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## 3        http://www.dice.com/job/result/kforcecx/ITEQG1572362?src=19
## 4        http://www.dice.com/job/result/kforcecx/ITNRC1571945?src=19
## 5               http://www.dice.com/job/result/RTX155644/743739?src=19
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## 7              http://www.dice.com/job/result/gentx001/16-07388?src=19
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## 14       http://www.dice.com/job/result/kforcecx/ITEQG1572271?src=19
## 15             http://www.dice.com/job/result/10114756a/705697?src=19
## 16       http://www.dice.com/job/result/cybercod/NR3-13246585?src=19
## 17       http://www.dice.com/job/result/kforcecx/ITWQG1572607?src=19
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## 49 http://www.dice.com/job/result/rhalfint/03500-9500205421?src=19
## 50              http://www.dice.com/job/result/10112653/UXLCT?src=19
##                                                              jobTitle
## 1                            Lead Quality Assurance Software Tester
## 2   Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 3                                 Campaign Database Business Analyst
## 4                                                       Lead Analyst
## 5                                                          Developer
## 6                            Recruiter/Human Resources Project Manager
## 7                                        Application Security Analyst
## 8                                             Email Marketing Manager
## 9                                            Software Design Engineer
## 10                                               Marketing Engineer
## 11                    Sr IT Project ManagerPortfolio Management)- Immediate HIRE
## 12                                                   Technical Writer
## 13                    Mobile Developer - iOS / Android - Relocation Offered
## 14                              Field Service Technician - A+ Certified
## 15                                              Salesforce Developer
## 16                                          Backend Engineer - Python
## 17                                               Project Coordinator
## 18                                          System Administrator-Citrix
## 19                                          Forensics Examiner Manager
## 20                                              Tech Support Analyst
## 21                                                     .Net Developer
## 22                                       Enterprise Security Architect
## 23                                          Senior Java/Web Developer
## 24                                                 IT Project Manager
## 25                    System Security / Information Assurance Analyst (Sr)
## 26                                                 Algorithm Engineer
## 27                    .NET Developer - Advanced Custom Assessment Systems!
## 28                                          ARCHITECT IT - PAYMENTS
## 29                                              Oracle Life Sciences
## 30                    Senior Software Testing Specialist (ITC 1020)
## 31                                                    Data Architect
## 32                                          Microservices Developer
## 33                                          Field Service Technician
## 34                                          Field Service Technician
## 35                              Data Visualization & Analytics Specialist
## 36                                              Incident Manager III
## 37                    Computer Vision and Deep Learning Software Engineer
## 38                    Advanced Analytics Data Sourcing and Ingestion Engineer
## 39                                                    Data Scientist
## 40                    ArcSight Technology Consultant (AMS, Northeast Region)
## 41                              Director - Security Data Engineering
## 42                                      User Experience (UX) Researcher
## 43                                          Project Manager (Functional)
## 44                                                 Business Analyst
## 45                                                     Lead Analyst
## 46                                                 Research Scientist
## 47                              Senior Infrastructure Analyst (Team Lead)
## 48                                              IT Systems Operator
## 49                                          Cable/Desktop Technician
```

```
## 50                                            User Experience (UX) Lead
##                                     company              location       date
## 1                                Kforce Inc.       Scottsdale, AZ 2016-10-22
## 2          Enterprise Business Solutions Inc     Falls Church, VA 2016-10-07
## 3                                Kforce Inc.          Detroit, MI 2016-10-22
## 4                                Kforce Inc.            Tampa, FL 2016-10-22
## 5                                  Wi-Tronix      Bolingbrook, IL 2016-10-19
## 6                  Princeton Information Ltd       Washington, DC 2016-10-23
## 7                                  Genesis10  West Des Moines, IA 2016-10-23
## 8                              Staff Matters           Tucson, AZ 2016-10-23
## 9                                Kforce Inc.         Bellevue, WA 2016-10-22
## 10                          The Armada Group         San Jose, CA 2016-10-23
## 11                Park Computer Systems, Inc        Sunnyvale, CA 2016-10-21
## 12                     Sunrise Systems, Inc.        Melbourne, FL 2016-10-19
## 13                               CyberCoders         Westlake, TX 2016-10-23
## 14                               Kforce Inc.       Washington, DC 2016-10-22
## 15                                  Kelly IT          Chicago, IL 2016-10-17
## 16                               CyberCoders        Ann Arbor, MI 2016-10-23
## 17                               Kforce Inc.       Sacramento, CA 2016-10-22
## 18                  Doherty Career Solutions      Minneapolis, MN 2016-10-12
## 19                               Kforce Inc.         Portland, OR 2016-10-22
## 20                               Kforce Inc.         Blue Ash, OH 2016-10-22
## 21                   U.S. Tech Solutions Inc.            Davie, FL 2016-10-19
## 22                                 Travelers        Hartford, CT 2016-10-23
## 23                                 Genesis10    Overland Park, KS 2016-10-23
## 24                       Federal Reserve Bank        Cleveland, OH 2016-10-23
## 25                     Blue Canopy Group LLC         Leesburg, VA 2016-10-20
## 26                  U.S. Tech Solutions Inc.      Bridgewater, NJ 2016-10-19
## 27                               CyberCoders        Princeton, NJ 2016-10-23
## 28                                Home Depot          Atlanta, GA 2016-10-23
## 29                                BC Forward     Philadelphia, PA 2016-10-21
## 30           Louisiana Economic Development      Bossier City, LA 2016-10-06
## 31                                     Ciber      Minneapolis, MN 2016-10-23
## 32                 Princeton Information Ltd           Irving, TX 2016-10-23
## 33                               Kforce Inc.      Mount Vernon, IN 2016-10-22
## 34                               Kforce Inc.           Ottawa, IL 2016-10-22
## 35        Net ESolutions Corporation (NETE)         Rockville, MD 2016-10-23
## 36               Partner's Consulting, Inc.     Philadelphia, PA 2016-10-20
## 37                              CoreTechs LLC       Santa Clara, CA 2016-10-23
## 38                 Princeton Information Ltd           Irving, TX 2016-10-23
## 39                               CyberCoders        Cambridge, MA 2016-10-23
## 40       Hewlett Packard Enterprise Company             None, NY 2016-10-23
## 41                               Capital One          Mclean, VA 2016-10-17
## 42                         Mainz Brady Group         Portland, OR 2016-09-26
## 43                               Kforce Inc.   Kearneysville, WV 2016-10-22
## 44                               Kforce Inc.           Irvine, CA 2016-10-22
## 45                               Kforce Inc.            Tampa, FL 2016-10-22
## 46             Software Engineering Institute       Pittsburgh, PA 2016-10-03
## 47                                    Syntax         Montreal, QC 2016-10-19
## 48                     Randstad Technologies         Campbell, CA 2016-10-23
## 49                    Robert Half Technology           Norman, OK 2016-10-23
## 50                           GRT Corporation         Stamford, CT 2016-10-06

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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##                                                              detailUrl
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## 2                  http://www.dice.com/job/result/10528254/linuxsat?src=19
## 3                   http://www.dice.com/job/result/ngitbot/16012143?src=19
## 4               http://www.dice.com/job/result/appblok/1609_679864_0?src=19
## 5                 http://www.dice.com/job/result/10457621/STEVE1062?src=19
## 6                    http://www.dice.com/job/result/10444819/T0537?src=19
## 7             http://www.dice.com/job/result/cybercod/SE2-131608239?src=19
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## 27              http://www.dice.com/job/result/cxjudgpa/507870?src=19
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## 50            http://www.dice.com/job/result/ciscobot/R1017324-en_US?src=19
##                                                                       jobTitle
## 1                                                            Wireless Engineer
## 2   Linux Systems Engineer Red Hat Pre-Production Test Trading Banking Finance New Jersey
## 3                                       Assured Boot Team - Software Engineer 4
## 4                                            Cloud Architect - Eden Prairie, MN
## 5                     Software Engineer .NET  Fulltime / F2F Required Newark, CA
## 6                          Software Development Engineer - Visual Studio/C#
## 7                                     Senior Engineering Project Manager
## 8                                     Lead Quality Assurance Software Tester
## 9                             Research Engineer - Python, Machine Learning,
## 10          Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 11                                Program Management And Engineering Leader
## 12                                     Mechanical Design Engineer (4839r)
## 13                                                          Software Engineer
## 14                       Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 15              Network Engineer~Competitive Compensation & Family-Oriented Team
## 16                          ServiceNow Developer/Analyst - Active Directory, IT
## 17                                                          Software Engineer
## 18                                       Sr. Software Engineer, Dealer & OEM
## 19                              GSSC Senior Mechanical Engineer (T4)
## 20                                                           Network Engineer
## 21                                                  Network Security Engineer
## 22                                                       SharePoint Developer
## 23                                                          Dev Ops Engineer
## 24                                     Professional Services Engineer- TAC
## 25                                     System Integration Technician II - DBA
## 26                                                 Regional Account Executive
## 27                                     Sr. Analytics / Software Eningeer
## 28              .NET Full Stack Developer, C#, ASP.NET MVC, Angular.JS, JavaScript
## 29                              Big Data Software Engineer / Data Architect III
## 30                                     Technical Architect - Java/J2EE
## 31                                                               Lead Analyst
## 32                                                      Application Developer
## 33                          Manufacturing Process Engineer - Gear Manufacturing
## 34                                                  Senior Network Engineer
## 35                              Operations Engineer job in Council Bluffs, IA
## 36                                                                  Developer
## 37                                                          QA Test Engineer
## 38     Brilliant Software Engineer (Java, C#) for Tech Driven Hedge Fund (150k-250k)
```

```
## 39                                          Software Engineer in Test (C# or java)
## 40                                          Software Engineer (OO/.NET) - DIRECT HIRE
## 41                                                                    PMO Professional
## 42                            Senior CyberSecurity Design Consultant -- IL OR TX.....
## 43                                                                   Network Engineer
## 44                                                          Senior Lead Java Engineer
## 45                          Senior Network Engineer - Layer 2 / 3 Switching, Global Networks
## 46                                                                  Software Engineer
## 47                                              Sr Disaster Recovery/ Back-up Engineer
## 48                                    Senior Software Engineer, Numerical Simulations
## 49                                                              Sr. Network Engineer
## 50                                                        Software Engineer- Front End
##                             company            location       date
## 1                    Wizard Staff, Inc          Irvine, CA 2016-10-17
## 2                     Joseph Harry Ltd      Parsippany, NJ 2016-10-07
## 3                     NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 4                    UnitedHealth Group        Santa Ana, CA 2016-10-23
## 5                       ScrumLink, Inc.          Newark, CA 2016-10-21
## 6                          Davinci Tek      Murray Hill, NJ 2016-10-11
## 7                          CyberCoders        Chantilly, VA 2016-10-23
## 8                          Kforce Inc.       Scottsdale, AZ 2016-10-22
## 9                          CyberCoders        San Mateo, CA 2016-10-23
## 10 Enterprise Business Solutions Inc     Falls Church, VA 2016-10-07
## 11 Concept Software & Services, Inc.          Atlanta, GA 2016-10-20
## 12       Embedded Resource Group, Inc    San Francisco, CA 2016-10-20
## 13          Robert Half Technology            Houston, TX 2016-10-23
## 14                        CyberCoders    San Francisco, CA 2016-10-23
## 15                        CyberCoders         Richmond, VA 2016-10-23
## 16                        CyberCoders        Palo Alto, CA 2016-10-23
## 17               Sage Software, Inc.          Atlanta, GA 2016-10-23
## 18                          Cargurus        Cambridge, MA 2016-10-23
## 19                  NORTHROP GRUMMAN         Hill Afb, UT 2016-10-22
## 20                            Linium          Albany, NY 2016-10-23
## 21           Robert Half Technology      Los Angeles, CA 2016-10-23
## 22                        Kforce Inc.        Oak Brook, IL 2016-10-22
## 23                  Corus Group, LLC      Morrisville, NC 2016-10-23
## 24               iDirect Government          Herndon, VA 2016-10-23
## 25                        Kforce Inc.       Louisville, KY 2016-10-22
## 26                        PeerSource          Chicago, IL 2016-10-20
## 27                   The Judge Group      Burlington, MA 2016-10-23
## 28        P. Murphy & Associates, Inc     West Hills, CA 2016-10-21
## 29                   The Judge Group     West Boston, MA 2016-10-23
## 30               UnitedHealth Group             Hyderabad 2016-10-23
## 31                        Kforce Inc.           Tampa, FL 2016-10-22
## 32                  The Denzel Group       Allentown, PA 2016-10-19
## 33                        CyberCoders          Addison, IL 2016-10-23
## 34             Randstad Technologies      San Antonio, TX 2016-10-23
## 35                             Modis    Council Bluffs, IA 2016-10-23
## 36                          Wi-Tronix     Bolingbrook, IL 2016-10-19
## 37               Smartlink, LLC (HQ)        Arlington, VA 2016-10-21
## 38               Gambit Technologies        New York, NY 2016-10-23
## 39                        CyberCoders       Greenville, SC 2016-10-23
## 40                          TeamSoft          Madison, WI 2016-10-21
## 41               Xoriant Corporation       Alpharetta, GA 2016-10-21
```

58

```
## 42                Buckeye Global IT Inc      Richardson, TX 2016-10-21
## 43              Robert Half Technology       Miamisburg, OH 2016-10-23
## 44                             Atyeti        Jersey city, NJ 2016-10-20
## 45                   TechServe, Inc.    Farmington Hills, MI 2016-09-26
## 46              Randstad Technologies              Cary, NC 2016-10-23
## 47           Pratt Brown & Associates             Tampa, FL 2016-09-28
## 48                       Mice Groups          Campbell, CA 2016-10-21
## 49              Robert Half Technology         Lakeland, FL 2016-10-23
## 50                Cisco Systems Inc.          Milpitas, CA 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## 2  http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 3        http://www.dice.com/job/result/10114776/SMA00005?src=19
## 4           http://www.dice.com/job/result/opensyst/31678?src=19
## 5        http://www.dice.com/job/result/10294672/JD_Quant?src=19
## 6   http://www.dice.com/job/result/cybercod/KE2-13250514?src=19
## 7     http://www.dice.com/job/result/10106050/1600003679?src=19
## 8        http://www.dice.com/job/result/chenj001/16-03950?src=19
## 9  http://www.dice.com/job/result/cybercod/KSK-126801727?src=19
## 10  http://www.dice.com/job/result/90969740/BUS-16-00013?src=19
## 11         http://www.dice.com/job/result/10427675/JE-C-DS?src=19
## 12         http://www.dice.com/job/result/90833617/727585?src=19
## 13        http://www.dice.com/job/result/10121728/JR-Py-14?src=19
## 14 http://www.dice.com/job/result/cybercod/NNG-123041272?src=19
## 15         http://www.dice.com/job/result/10114838/739409?src=19
## 16    http://www.dice.com/job/result/10116711/PUR010013?src=19
## 17        http://www.dice.com/job/result/RTL000349/402973?src=19
## 18 http://www.dice.com/job/result/cybercod/BP2-131950326?src=19
## 19         http://www.dice.com/job/result/10313788/248417?src=19
## 20          http://www.dice.com/job/result/10507690/SMMA1?src=19
## 21         http://www.dice.com/job/result/10366547/616375?src=19
## 22         http://www.dice.com/job/result/90833617/688621?src=19
## 23  http://www.dice.com/job/result/10208346H/2412_Ora_NJ?src=19
## 24         http://www.dice.com/job/result/10313788/248027?src=19
## 25         http://www.dice.com/job/result/90833617/715670?src=19
## 26         http://www.dice.com/job/result/90833617/676377?src=19
## 27       http://www.dice.com/job/result/RTX1ba47c/4724197?src=19
## 28         http://www.dice.com/job/result/90833617/741806?src=19
```

```
## 29                    http://www.dice.com/job/result/10197369/AScplus?src=19
## 30                    http://www.dice.com/job/result/10200989/156162?src=19
## 31                    http://www.dice.com/job/result/10518369/745311?src=19
## 32 http://www.dice.com/job/result/cybercod/GL1-128088261?src=19
##                                                                        jobTitle
## 1                              Senior Software Testing Specialist (ITC 1020)
## 2                                     Data Scientist - Junior-Senior Levels!
## 3                                  Supervisor, Rating and Underwriting Consultant
## 4                                                     Python Quant Developer
## 5                                                    Quantitative Strategist
## 6                                                  LabView Developer-Start-up!
## 7                                                  Technical Business Analyst
## 8                                                             Data Scientist
## 9                                        Mechanical Engineer - Boiler Design
## 10                                            Business Intelligence Analyst
## 11                                                            Data Scientist
## 12                             Senior Professional Test Specialist (ITC 744)
## 13                                                Python Algorithm Developer
## 14                                                        Lead Data Scientist
## 15                                             Account Operations Specialist
## 16                                        Supply Chain Analyst - SQL Programmer
## 17                                                 Site Reliability Engineer
## 18            Physics Lead Instructor - Video Instruction, Physics, Education
## 19               Assistant/Associate/Examiner/Senior Examiner - Complian
## 20                                                     Principal Architect
## 21       Lead Node.js Software Engineer / Architect (up to $160k, 1% equity)
## 22                                                            Java Developer
## 23                                                     Sr. Quant Developer
## 24                                     Examiner II/Senior Examiner - LOB
## 25       Associate Engineer - Global Operations Leadership Development (GOLD)
## 26                        GBS Consulting By Degrees Analytics Consultant
## 27                                          Information Technology Manager
## 28                                              Healthcare Data Analyst
## 29 Senior C++/Linux Programmer with Strong Math - Exceptional Career Opportunity
## 30                       Principal Systems Engineer Active Secret Clearance
## 31                                                          Product Analyst
## 32               Director of Customer Analytics - Strategic thought leader
##                              company           location        date
## 1  Louisiana Economic Development  Bossier City, LA 2016-10-06
## 2                    CyberCoders    Los Angeles, CA 2016-10-23
## 3                          BCBSM          Detroit, MI 2016-10-23
## 4      Open Systems Technologies     New York, NY 2016-10-17
## 5          Futures Group IT LLC.     New York, NY 2016-10-17
## 6                    CyberCoders        Irving, TX 2016-10-23
## 7                            ICF        Fairfax, VA 2016-10-23
## 8    Chenoa Information Services   TITUSVILLE, NJ 2016-10-06
## 9                    CyberCoders      Millbrook, AL 2016-10-23
## 10             BCBSAZ Advantage        Phoenix, AZ 2016-10-13
## 11    MatchPoint Consulting Group        Wayne, PA 2016-10-21
## 12 Louisiana Economic Development  Bossier City, LA 2016-10-06
## 13                 Cypress Group      New York, NY 2016-10-07
## 14                   CyberCoders    Los Angeles, CA 2016-10-23
## 15              Hire Velocity, LLC      Phoenix, AZ 2016-10-17
## 16              MEDLINE INDUSTRIES    Mundelein, IL 2016-10-23
```

```
## 17                        Audible          Newark, NJ 2016-10-23
## 18                     CyberCoders           Miami, FL 2016-10-23
## 19            Federal Reserve Bank      Cleveland, OH 2016-10-23
## 20                 Windsor Partners          boston, MA 2016-10-21
## 21              Skyrocket Ventures San Francisco, CA 2016-10-20
## 22 Louisiana Economic Development   Bossier City, LA 2016-10-10
## 23                       Collabera    Jersey City, NJ 2016-10-21
## 24            Federal Reserve Bank      Cleveland, OH 2016-10-23
## 25 Louisiana Economic Development         Monroe, LA 2016-09-28
## 26 Louisiana Economic Development     Baton Rouge, LA 2016-09-30
## 27              City of El Cerrito     El Cerrito, CA 2016-10-04
## 28 Louisiana Economic Development      Lafayette, LA 2016-10-18
## 29   Hamilton Technical Personnel    Jersey City, NJ 2016-10-23
## 30                 HKA Enterprises        Norfolk, VA 2016-10-21
## 31                     ArborMetrix       Ann Arbor, MI 2016-10-20
## 32                     CyberCoders     El Segundo, CA 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 856
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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
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## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=The+Blank+Canvas&city=&text=&
##
## $resultItemList
##                                                                detailUrl
## 1          http://www.dice.com/job/result/10285720a/22442?src=19
## 2            http://www.dice.com/job/result/cybersea/5599?src=19
## 3             http://www.dice.com/job/result/armada/7862?src=19
## 4          http://www.dice.com/job/result/90833617/520008?src=19
## 5          http://www.dice.com/job/result/10285720a/15624?src=19
## 6           http://www.dice.com/job/result/10122753/94648?src=19
## 7          http://www.dice.com/job/result/10285720a/22516?src=19
## 8       http://www.dice.com/job/result/10230239/2016-07-08?src=19
## 9          http://www.dice.com/job/result/10271304/727892?src=19
## 10         http://www.dice.com/job/result/10285720a/21663?src=19
## 11           http://www.dice.com/job/result/cybersea/5563?src=19
## 12         http://www.dice.com/job/result/10285720a/21697?src=19
## 13         http://www.dice.com/job/result/10198331/GA-51278?src=19
## 14 http://www.dice.com/job/result/eveva001/IDXL-SPM-082905?src=19
## 15         http://www.dice.com/job/result/10106153/1600704?src=19
## 16             http://www.dice.com/job/result/aries/716344?src=19
## 17         http://www.dice.com/job/result/10112774/16001476?src=19
## 18          http://www.dice.com/job/result/10372138/746370?src=19
```

```
## 19             http://www.dice.com/job/result/10122753/94626?src=19
## 20             http://www.dice.com/job/result/10295162/716049?src=19
## 21              http://www.dice.com/job/result/90806965/3427?src=19
## 22          http://www.dice.com/job/result/10528858/16-00361?src=19
## 23             http://www.dice.com/job/result/10115448/669344?src=19
## 24             http://www.dice.com/job/result/10125816/638556?src=19
## 25            http://www.dice.com/job/result/10285720a/22509?src=19
## 26            http://www.dice.com/job/result/10285720a/22461?src=19
## 27             http://www.dice.com/job/result/10122753/94639?src=19
## 28                http://www.dice.com/job/result/armada/7845?src=19
## 29            http://www.dice.com/job/result/10285720a/22494?src=19
## 30             http://www.dice.com/job/result/10207105/685371?src=19
## 31             http://www.dice.com/job/result/10116544/740419?src=19
## 32                 http://www.dice.com/job/result/ndi/65901?src=19
## 33            http://www.dice.com/job/result/10285720a/22418?src=19
## 34             http://www.dice.com/job/result/10117979/161977?src=19
## 35            http://www.dice.com/job/result/10285720a/22453?src=19
## 36  http://www.dice.com/job/result/10122877/MIKE_ConstrEng?src=19
## 37          http://www.dice.com/job/result/kimtecir/MC101278?src=19
## 38             http://www.dice.com/job/result/90784366/462649?src=19
## 39            http://www.dice.com/job/result/10285720a/22488?src=19
## 40             http://www.dice.com/job/result/10243845/743895?src=19
## 41             http://www.dice.com/job/result/compexpr/563309?src=19
## 42          http://www.dice.com/job/result/10415464/16-00171?src=19
## 43           http://www.dice.com/job/result/10204393/18334BR?src=19
## 44        http://www.dice.com/job/result/10106050/1600004057?src=19
## 45         http://www.dice.com/job/result/RTL471029/UNI0000N?src=19
## 46             http://www.dice.com/job/result/10110732/742501?src=19
## 47             http://www.dice.com/job/result/10441506/710951?src=19
## 48             http://www.dice.com/job/result/10143403/731458?src=19
## 49             http://www.dice.com/job/result/10109619/725501?src=19
## 50   http://www.dice.com/job/result/adrga001/HCM-OCloudFunc?src=19
##                                                                jobTitle
## 1                                                    IT Project Coordinator
## 2                                                             WCS Architect
## 3                                                              UI Architect
## 4                                          Army Aviation (AVN) Scenario Developer
## 5                                               Inside Sales Representative
## 6                                                   Business System Analyst
## 7                                          Mailroom Clerk/ Administrative Clerk
## 8   RPG Synon developer with RPG Developer - Must Have Current Synon Project Expert
## 9                                                 Oracle CC&B for fulltime at CA
## 10                                                       Recruiter (TS/SCI)
## 11                                                        Ratabase Developer
## 12                                                  Cloud Security Assessor
## 13                                               HRA Senior Business Analyst
## 14                                                   Senior Project Manager
## 15                                               Sr. ETL Developer - Snaplogic
## 16                                                          Project Manager
## 17                                               Technical Support Spec III
## 18                                                    Sr. Telco SME NFV/SDN
## 19                                                 Senior Business Analyst
## 20                                              Oracle Application Developer
## 21                                                    KYC Analyst - Junior
```

```
## 22                          Executive Director, Implementation and Data Governance
## 23                                              PostgreSQL Database DBA
## 24                                          Oracle Application Developer III
## 25                                                  Material Handler II
## 26                                                  Site Support Tech I
## 27                              Software Quality Assurance Technical Lead
## 28                                                      Project Manager
## 29                                                  Project Administrator
## 30                                                       .NET DEVELOPER
## 31                              Oracle Financials w/Cloud implementation
## 32                                                  Sr. Financial Analyst
## 33                                                  Technician II - Helpdesk
## 34                                              Executive Support Professional
## 35                                                    Mechanical Designer
## 36                                                  Construction Engineer
## 37             Healthcare Director / Director of Quality Performance / HEDIS
## 38                    Java Enterprise Developer T/S Clearance Required
## 39                                                    Sharepoint Architect
## 40                                                      Project Manager
## 41                                                    Software Developer
## 42                                                Lead Enterprise Architect
## 43                                    Senior Associate - Business Consulting
## 44                                                      ETL/Data Scientist
## 45                                    Associate Systems Automation Engineer
## 46                                              JDE Distribution Consultant
## 47                                                  Support/Help Desk at FPX
## 48             Senior Project Manager  Cisco Unified Communications
## 49                                        SharePoint Implementer and Developer
## 50                                Oracle ERP Cloud - Functional Consultant
##                                          company            location
## 1                              TAD PGS, Inc      Chantilly, VA
## 2                          Cybersearch, Ltd.        Austin, TX
## 3                          The Armada Group      Sunnyvale, CA
## 4            Louisiana Economic Development      Fort Polk, LA
## 5                              TAD PGS, Inc      Nashville, TN
## 6                                     Ciber        Phoenix, AZ
## 7                              TAD PGS, Inc West Des Moines, IA
## 8                        Galax-Esystems Corp     Richardson, TX
## 9                            Net2Source Inc.      San Ramon, CA
## 10                             TAD PGS, Inc      Chantilly, VA
## 11                        Cybersearch, Ltd.  Woodland Hills, CA
## 12                             TAD PGS, Inc         Laurel, MD
## 13                InfoSmart Technologies Inc        Atlanta, GA
## 14                             Idexcel Inc.        Seattle, WA
## 15                              iSpace, Inc        Burbank, CA
## 16                Aries Computer Systems, Inc.       Ankeny, IA
## 17 The Guardian Life Insurance Company Of America     Bethlehem, PA
## 18                         Silicon Staff Inc      Palo Alto, CA
## 19                                    Ciber        Orlando, FL
## 20                    System One Holdings LLC     Cranberry, PA
## 21                     NSD International, Inc.   Jersey city, NJ
## 22             Blue Horizon Tek Solutions, Inc.     New York, NY
## 23                                 Ampcus Inc       Herndon, VA
## 24                             CESUSA, INC.     Bridgewater, NJ
```

```
## 25                                            TAD PGS, Inc      Saint Paul, MN
## 26                                            TAD PGS, Inc       Erlanger, KY
## 27                                                   Ciber        Orlando, FL
## 28                                       The Armada Group      Pleasanton, CA
## 29                                            TAD PGS, Inc         McLean, VA
## 30                                       Mindtree Limited     Gainesville, FL
## 31              HALLMARK GLOBAL TECHNOLOGIES INC              CHICAGO, IL
## 32                                                  eclaro      Sunnyvale, CA
## 33                                            TAD PGS, Inc       New York, NY
## 34                                        Experian Limited        Atlanta, GA
## 35                                            TAD PGS, Inc           Ayer, MA
## 36                       Agile Enterprise Solutions, Inc.     Hopkinton, MA
## 37                        Advantex Professional Services         Orange, CA
## 38                                    ZoeTech Staffing LLC         Dallas, TX
## 39                                            TAD PGS, Inc   Fort Belvoir, VA
## 40                                        Dew Softech Inc      Weehawken, NJ
## 41                                          The CEI Group      sunnyvale, CA
## 42                                        SwitchLane Inc.    Spartanburg, SC
## 43                                                 Infosys      New York, NY
## 44                                                     ICF        Fairfax, VA
## 45                                              Prudential      Roseland, NJ
## 46                                       UROOJ Corporation         Dallas, TX
## 47                                           Agility Group   Bloomington, MN
## 48                       Infinity Consulting Solutions        Teterboro, NJ
## 49                                                Delegata     Sacramento, CA
## 50                                       Sierra-Cedar, Inc.     Alpharetta, GA
##            date
## 1   2016-10-23
## 2   2016-10-19
## 3   2016-10-23
## 4   2016-10-10
## 5   2016-10-23
## 6   2016-10-23
## 7   2016-10-23
## 8   2016-10-23
## 9   2016-10-21
## 10  2016-10-23
## 11  2016-10-19
## 12  2016-10-23
## 13  2016-10-21
## 14  2016-10-21
## 15  2016-10-14
## 16  2016-09-28
## 17  2016-10-23
## 18  2016-10-21
## 19  2016-10-23
## 20  2016-10-21
## 21  2016-10-07
## 22  2016-10-18
## 23  2016-09-27
## 24  2016-10-19
## 25  2016-10-23
## 26  2016-10-23
## 27  2016-10-23
```

```
## 28 2016-10-23
## 29 2016-10-23
## 30 2016-10-21
## 31 2016-10-21
## 32 2016-10-18
## 33 2016-10-23
## 34 2016-10-23
## 35 2016-10-23
## 36 2016-10-21
## 37 2016-10-18
## 38 2016-10-19
## 39 2016-10-23
## 40 2016-10-21
## 41 2016-10-20
## 42 2016-10-21
## 43 2016-10-23
## 44 2016-10-23
## 45 2016-10-23
## 46 2016-10-21
## 47 2016-09-25
## 48 2016-10-11
## 49 2016-10-05
## 50 2016-10-19

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 104
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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Education&city=&text=&ip=&di
##
## $resultItemList
##                                                              detailUrl
## 1  http://www.dice.com/job/result/softwinc/Softworld_2222-716?src=19
## 2             http://www.dice.com/job/result/10117979/161777?src=19
## 3        http://www.dice.com/job/result/cybercod/SE1-13254972?src=19
## 4             http://www.dice.com/job/result/10313788/248246?src=19
## 5  http://www.dice.com/job/result/softwinc/Softworld_2221-180?src=19
## 6             http://www.dice.com/job/result/10122753/93493?src=19
## 7            http://www.dice.com/job/result/10109419/1570314?src=19
## 8           http://www.dice.com/job/result/10118964/22986-12?src=19
## 9        http://www.dice.com/job/result/CVTY/27745004279101331?src=19
## 10         http://www.dice.com/job/result/10118964/23081-542?src=19
## 11     http://www.dice.com/job/result/RTL152550/1005312264116?src=19
```

```
## 12          http://www.dice.com/job/result/RTX1ba460/723898?src=19
## 13          http://www.dice.com/job/result/RTX16f1ff/4723361?src=19
## 14           http://www.dice.com/job/result/10504949/1030a?src=19
## 15         http://www.dice.com/job/result/10115646/1040463?src=19
## 16          http://www.dice.com/job/result/10122753/94592?src=19
## 17        http://www.dice.com/job/result/10114206/673-G11-C?src=19
## 18          http://www.dice.com/job/result/10113141/PHYSED?src=19
## 19          http://www.dice.com/job/result/10110787/49242?src=19
## 20         http://www.dice.com/job/result/10115646/1040104?src=19
## 21          http://www.dice.com/job/result/RTX1584e4/710450?src=19
## 22         http://www.dice.com/job/result/10115646/1040466?src=19
## 23          http://www.dice.com/job/result/10122753/94916?src=19
## 24         http://www.dice.com/job/result/RTX1ba824/197904?src=19
## 25         http://www.dice.com/job/result/10114776/BCB003QK?src=19
## 26          http://www.dice.com/job/result/10438862/745816?src=19
## 27        http://www.dice.com/job/result/RTL471029/GLO000GJ?src=19
## 28          http://www.dice.com/job/result/90922281/681246?src=19
## 29          http://www.dice.com/job/result/90833617/623104?src=19
## 30               http://www.dice.com/job/result/sis/40898?src=19
## 31          http://www.dice.com/job/result/10110787/52176?src=19
## 32          http://www.dice.com/job/result/itca001/16-08390?src=19
## 33         http://www.dice.com/job/result/apn/PHHJP00003830?src=19
## 34         http://www.dice.com/job/result/10115646/1034319?src=19
## 35          http://www.dice.com/job/result/90833617/623853?src=19
## 36               http://www.dice.com/job/result/sis/40855?src=19
## 37    http://www.dice.com/job/result/10116144/Davis_227400-918?src=19
## 38           http://www.dice.com/job/result/10122753/95089?src=19
## 39          http://www.dice.com/job/result/10121414/120388?src=19
## 40          http://www.dice.com/job/result/sunrise/16-13598?src=19
## 41           http://www.dice.com/job/result/CXOXBMA/734846?src=19
## 42          http://www.dice.com/job/result/10109419/1570315?src=19
## 43          http://www.dice.com/job/result/10110787/49233?src=19
## 44         http://www.dice.com/job/result/10116711/PUR010013?src=19
## 45          http://www.dice.com/job/result/RTX1a4d6b/4723744?src=19
## 46          http://www.dice.com/job/result/90666334/747056?src=19
## 47    http://www.dice.com/job/result/adrga001/FMW-ForceAdmin?src=19
## 48           http://www.dice.com/job/result/10409520/726258?src=19
## 49          http://www.dice.com/job/result/10228809/4712317?src=19
## 50    http://www.dice.com/job/result/10116144/Davis_227288-371?src=19
##                                                              jobTitle
## 1                             Enterprise Architect/ Software Developer
## 2                                                        DevOps Engineer
## 3            REMOTE Software Development Manager - LAMP, Agile, Education!
## 4                                                     IT Project Manager
## 5                                                     Sr Systems Engineer
## 6                                                         Data Architect
## 7                          Vertica Software Data Management Engineer
## 8                                                        Accountant Lead
## 9                                                        Senior Engineer
## 10                                                Capture Manager Director
## 11                                                VP, Software Development
## 12                                                  Network Administrator
## 13                                                 Programmer Analyst III
## 14                     Project Manager - Residency Management Application
```

```
## 15                    Senior Director, IT (Enterprise Data & Analytic Solutio
## 16                              Clarity Developer / PPM Developer ( REMOTE )
## 17               Business Intelligence Developer - Tableau  673-G11-C
## 18                                        Physical Education Teacher
## 19                          Senior Business Consultant, Collaboration
## 20                                       Senior System Engineer (AV)
## 21                          IT Support Assistant IV, Cornell Tech (NYC)
## 22                                                Manager, IT (ETL)
## 23                                          .NET Programmer Analyst
## 24                                     AV-IT Services Team Leader
## 25                                                   IT Engineer I
## 26                                                 Business Analyst
## 27                          Associate Network Security Specialist
## 28                                                  Data Scientist
## 29                       Microsoft Applications Specialist (ITC 428)
## 30                                              Software QA Manager
## 31                     Practice Director, MultiTower & Transformational
## 32                                IT Technical Analyst / IT Support
## 33                                        CCNA Network Engineer III
## 34                                        Support Solutions Manager
## 35        Windows Sys Admin-Exchange/Good Mobile-SC & TSA EOD Req. (ITC-460)
## 36                                                  UAT Test Analyst
## 37                                Signal Integrity Senior Engineer
## 38                                              Operations Analyst
## 39                     Security Analyst III/SR/Advisor/SR Advisor Job Family -
## 40                                Education Specialist - Blood Bank
## 41                                            Senior Java Developer
## 42                          Vertica Software Data Management Engineer
## 43                            Business Consultant, Customer Experience
## 44                             Supply Chain Analyst - SQL Programmer
## 45                                       Information Technologist II
## 46                          PeopleSoft HCM Functional Consultant
## 47                                        Salesforce Administrator
## 48 OBIEE Report Developer(SQL,BI,Cognos,Linux,WebLogic,Higher Education data experience)
## 49                                                  system Engineer
## 50                                Senior Embedded Software Engineer
##                                                          company
## 1                                            Softworld Inc
## 2                                          Experian Limited
## 3                                              CyberCoders
## 4                                      Federal Reserve Bank
## 5                                            Softworld Inc
## 6                                                    Ciber
## 7                          Hewlett Packard Enterprise Company
## 8                          Alion Science and Technology
## 9                                                    Aetna
## 10                         Alion Science and Technology
## 11                                            Ledgent Tech
## 12                                      Confidential Company
## 13                                          CITY OF FRESNO
## 14                                      Euclid Technologies
## 15                                      Centene Corporation
## 16                                                    Ciber
## 17                          Lighthouse Technology Services
```

```
## 18                             Collaborative Staffing Solutions
## 19 British Telecommunications Public Limited Company
## 20                                       Centene Corporation
## 21                                        Cornell University
## 22                                       Centene Corporation
## 23                                                     Ciber
## 24                                   University of Rochester
## 25                                                     BCBSM
## 26                                     Navint Partners, LLC
## 27                                               Prudential
## 28                                    Pull Skill Technologies
## 29                            Louisiana Economic Development
## 30                 SIS-Systems Integration Solutions, Inc.
## 31 British Telecommunications Public Limited Company
## 32                                                   Ascent
## 33                                 APN Software Services, Inc
## 34                                       Centene Corporation
## 35                            Louisiana Economic Development
## 36                 SIS-Systems Integration Solutions, Inc.
## 37                                       The Davis Companies
## 38                                                     Ciber
## 39                                              Anthem, Inc.
## 40                                      Sunrise Systems, Inc.
## 41                                      Oxford International
## 42                       Hewlett Packard Enterprise Company
## 43 British Telecommunications Public Limited Company
## 44                                         MEDLINE INDUSTRIES
## 45 Michigan State University Office of the Registrar
## 46                                          Maven Workforce
## 47                                       Sierra-Cedar, Inc.
## 48                                                 BrickLogix
## 49                              Aleut Management Services
## 50                                       The Davis Companies
##                          location        date
## 1          Warner Robins, GA 2016-10-23
## 2               Franklin, TN 2016-10-23
## 3               Lakewood, NJ 2016-10-23
## 4              Cleveland, OH 2016-10-23
## 5                 Atlanta, GA 2016-10-23
## 6            Minneapolis, MN 2016-10-23
## 7             Pittsburgh, PA 2016-10-23
## 8                 Fairfax, VA 2016-10-23
## 9                 Phoenix, AZ 2016-10-21
## 10                McLean, VA 2016-10-23
## 11          Los Angeles, CA 2016-10-23
## 12             Las Vegas, NV 2016-10-21
## 13                 Fresno, CA 2016-10-19
## 14              New York, NY 2016-10-07
## 15              Clayton, MO 2016-10-23
## 16           Pittsburgh, PA 2016-10-23
## 17               Buffalo, NY 2016-10-21
## 18            Hyde Park, MA 2016-10-20
## 19                 Dallas, TX 2016-10-23
## 20         Chesterfield, MO 2016-10-23
```

```
## 21              New York City, NY 2016-10-13
## 22                    Clayton, MO 2016-10-23
## 23                    Livonia, MI 2016-10-23
## 24                  Rochester, NY 2016-10-12
## 25                    Detroit, MI 2016-10-23
## 26                   New York, NY 2016-10-20
## 27                   Roseland, NJ 2016-10-23
## 28                   San Jose, CA 2016-10-21
## 29              Bossier City, LA 2016-09-26
## 30                Emeryville, CA 2016-10-23
## 31                     Dallas, TX 2016-10-23
## 32               Vernon Hills, IL 2016-10-23
## 33                    Bothell, WA 2016-10-22
## 34                    Bedford, MA 2016-10-23
## 35              Bossier City, LA 2016-09-23
## 36                Emeryville, CA 2016-10-23
## 37                  Cleveland, OH 2016-10-23
## 38               Minneapolis, MN 2016-10-23
## 39                    Atlanta, GA 2016-10-23
## 40                  Rochester, NY 2016-10-20
## 41                     Hamden, CT 2016-10-21
## 42                 Pittsburgh, PA 2016-10-23
## 43                     Dallas, TX 2016-10-23
## 44                  Mundelein, IL 2016-10-23
## 45              East Lansing, MI 2016-10-17
## 46                     Athens, GA 2016-10-23
## 47               Minneapolis, MN 2016-10-19
## 48                 Shrewsbury, MA 2016-10-22
## 49 Vandenberg Air Force Base, CA 2016-09-26
## 50                  Watertown, MA 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file


## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 5
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 5
##
## $resultItemList
##                                                    detailUrl
## 1 http://www.dice.com/job/result/cybercod/MM4-13251214?src=19
## 2         http://www.dice.com/job/result/10110787/49237?src=19
## 3         http://www.dice.com/job/result/10110787/51633?src=19
## 4       http://www.dice.com/job/result/90803211/164804?src=19
## 5       http://www.dice.com/job/result/90803211/529769?src=19
##                                                          jobTitle
## 1                    Senior Standards Architect - Next Generation Wi-Fi
```

```
## 2                                          Business Consultant, Digital Transformation
## 3                                      Senior Business Consultant, Mergers & Acquisitions
## 4          Sr. Full-Stack Lead Java Developer / Software Engineer (Des Moines, Iowa)
## 5 Sr. Java Developer- Looking For Something Different? You'll Like This Security Role
##                                            company          location
## 1                                       CyberCoders    San Jose, CA
## 2 British Telecommunications Public Limited Company      Dallas, TX
## 3 British Telecommunications Public Limited Company      Dallas, TX
## 4                                      Dynamo, LLC Des Moines, IA
## 5                                      Dynamo, LLC Des Moines, IA
##         date
## 1 2016-10-23
## 2 2016-10-23
## 3 2016-10-23
## 4 2016-10-17
## 5 2016-10-17

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
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## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Domain+Knowledge&city=&text=&
##
## $resultItemList
##                                                    detailUrl
## 1          http://www.dice.com/job/result/10115823/729057?src=19
## 2        http://www.dice.com/job/result/infotp/BBBH96749-526?src=19
## 3          http://www.dice.com/job/result/aces/00020175051?src=19
## 4            http://www.dice.com/job/result/itowt/677006?src=19
## 5          http://www.dice.com/job/result/10285444/6534852?src=19
## 6    http://www.dice.com/job/result/micca003/JO#AA5011SSENum?src=19
## 7           http://www.dice.com/job/result/10117479/746841?src=19
## 8         http://www.dice.com/job/result/10230239/2016-07-08?src=19
## 9            http://www.dice.com/job/result/10114418/23823?src=19
## 10           http://www.dice.com/job/result/10118962/MLTEP?src=19
## 11     http://www.dice.com/job/result/10105424/5794855-883?src=19
## 12          http://www.dice.com/job/result/10287685/736519?src=19
## 13          http://www.dice.com/job/result/10228528/147067?src=19
## 14           http://www.dice.com/job/result/10122753/94682?src=19
## 15    http://www.dice.com/job/result/cybercod/KV1-130896473?src=19
## 16         http://www.dice.com/job/result/10112774/16001476?src=19
## 17          http://www.dice.com/job/result/10367275/8270832?src=19
## 18          http://www.dice.com/job/result/10295162/716049?src=19
```

```
## 19          http://www.dice.com/job/result/10122753/94851?src=19
## 20         http://www.dice.com/job/result/infotny/16-12809CA?src=19
## 21           http://www.dice.com/job/result/fastoh/KM35289?src=19
## 22     http://www.dice.com/job/result/veredus/1066249-426?src=19
## 23         http://www.dice.com/job/result/70000126/248283?src=19
## 24         http://www.dice.com/job/result/10198261a/669578?src=19
## 25  http://www.dice.com/job/result/RTL152550/1005312266570?src=19
## 26         http://www.dice.com/job/result/10114358/KAR55455?src=19
## 27         http://www.dice.com/job/result/10124549/BL-SUA-NJ?src=19
## 28         http://www.dice.com/job/result/10486981/10122016?src=19
## 29         http://www.dice.com/job/result/10231701/CVSIT1289?src=19
## 30   http://www.dice.com/job/result/cybercod/EN1-132044123?src=19
## 31         http://www.dice.com/job/result/RTX163258/722950?src=19
## 32         http://www.dice.com/job/result/tlocator/DW1020RJ?src=19
## 33           http://www.dice.com/job/result/90896916/698626?src=19
## 34           http://www.dice.com/job/result/10211487/733746?src=19
## 35           http://www.dice.com/job/result/10122703/739001?src=19
## 36             http://www.dice.com/job/result/swapps/734258?src=19
## 37  http://www.dice.com/job/result/10380692/BHJOB10147_3276?src=19
## 38           http://www.dice.com/job/result/10112409/707142?src=19
## 39           http://www.dice.com/job/result/aces/00019955891?src=19
## 40 http://www.dice.com/job/result/rhalfint/04810-9500208213?src=19
## 41           http://www.dice.com/job/result/10107404/1002ips-1?src=19
## 42 http://www.dice.com/job/result/tacman/Advantage_2590-377?src=19
## 43           http://www.dice.com/job/result/10504871/261274?src=19
## 44           http://www.dice.com/job/result/10109619/725501?src=19
## 45             http://www.dice.com/job/result/uhgbot/673247?src=19
## 46   http://www.dice.com/job/result/informca/INFOA00572232?src=19
## 47         http://www.dice.com/job/result/10428868/SR904212?src=19
## 48           http://www.dice.com/job/result/10116544/723664?src=19
## 49           http://www.dice.com/job/result/10115152/745347?src=19
## 50           http://www.dice.com/job/result/70000126/248351?src=19
##                                                          jobTitle
## 1        Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 2                                                   Knowledge Manager
## 3                                          Enterprise Architect - Manager
## 4                                        Infrastructure Program Manager
## 5           Weblogic Consultant With Java Background Exp. at West Chester, PA
## 6                              Senior Software Engineer, Numerical Simulations
## 7                              Functional Test Lead - Franklin, WI - 6 Months+ -L
## 8  RPG Synon developer with RPG Developer - Must Have Current Synon Project Expert
## 9                                          Business Intelligence Specialist II
## 10                            Tooling  Engineer  Plastics and Injection Molding
## 11                                        Service Desk/Knowledge Base Analyst
## 12                                          Logisics Functional Architect
## 13                                    Test Data Management(Automation) Lead
## 14                                                Epic Systems Analyst
## 15                                                    DevOps Engineer
## 16                                            Technical Support Spec III
## 17                                          Business Development Analyst
## 18                                          Oracle Application Developer
## 19                                                       C# Developer
## 20                                          Associate Portfolio Manager
## 21                                              Network Cabling Engineer
```

71

```
## 22                                             Solutions Architect
## 23                                    TECHNOLOGY APPLICATION SUPPORT
## 24                                    Director Solutions Consultant
## 25                                       Linux System Administrator
## 26                                     Data Analyst in Banking Domain
## 27                                  Senior UNIX/Linux Administrator-RTH
## 28                                       Senior BI Business Analyst
## 29                                                     WebLogic Admin
## 30              IVR Developer - Knowledge of Telecom services and processes, Sol
## 31        Exchange & AD Engineer (FIM-GalSync, Banking, Jersey CIty, Contract)
## 32                              Consultant - RPG Developer with some Java
## 33                            Oracle Service Supply Chain  BI Analyst
## 34                                Senior QE Engineer with Java Coding
## 35                                                     SSIS Developer
## 36                                     Healthcare System Analyst
## 37                                         C++ Software Engineer
## 38                          quant dev with vba and C++ and fixed income
## 39                                            Cognos - Tableau
## 40                                        Lead Storage Engineer
## 41                              Senior Recruiter / Recruiting Lead
## 42                                            SYSTEMS ARCHITECT
## 43                              Entry Level Data Analyst/ Fresh Graduate
## 44                              SharePoint Implementer and Developer
## 45                          Senior Help Desk Supervisor - Plymouth, MN
## 46                                     Sr. Consultant, Cloud Real Time
## 47        Immediate need -  Scrum Master cum Business Systems Analyst  - Direct
## 48                                                  Systems Engineer
## 49                                                     Data Scientist
## 50                              Senior Information Security Data Analyst
##                                      company           location
## 1                Enterprise Business Solutions Inc   Falls Church, VA
## 2                             Solomon Page Group   White Plains, NY
## 3                       Cognizant Technology Solutions      Hartford, CT
## 4    International Information Technology Team, Inc.      stamford, CT
## 5                                     Damco Group   West Chester, PA
## 6                                     Mice Groups       Campbell, CA
## 7                                 ASCII Group LLC       Franklin, WI
## 8                             Galax-Esystems Corp    Richardson, TX
## 9                     The Methodist Hospital System        Houston, TX
## 10                                          TxMQ       Falconer, NY
## 11                              TEKsystems, Inc.       New York, NY
## 12                            Perint Sarimba, Inc.       San Jose, CA
## 13                        Infostretch Corporation     Pleasanton, CA
## 14                                          Ciber      Rochester, MN
## 15                                    CyberCoders     Richardson, TX
## 16    The Guardian Life Insurance Company Of America       Bethlehem, PA
## 17                              Emkayel Consulting       Arlington, VA
## 18                          System One Holdings LLC       Cranberry, PA
## 19                                          Ciber      Nashville, TN
## 20                                DIVERSANT, LLC.       New York, NY
## 21                              Fast Switch, Ltd.       Waukegan, IL
## 22                                       Veredus       New York, NY
## 23                            Federal Reserve Bank        Chicago, IL
## 24                                Astute Solutions       Columbus, OH
```

```
## 25                             Ledgent Tech            Encino, CA
## 26              Urpan Technologies, Inc.    mount Laurel, NJ
## 27                        Atlantic Partners       Roseland, NJ
## 28                        RedLine Associates       Pasadena, CA
## 29              Vejars Technologies, Inc.    Woonsocket, RI
## 30                             CyberCoders       Richmond, VA
## 31          Computer Resources of America    Jersey City, NJ
## 32                           Tech Locators       Santa Ana, CA
## 33                     Forsos Incorporated        San Jose, CA
## 34             Nextgen Technologies Inc.       Sunnyvale, CA
## 35            Reliable Software Resources          Dayton, OH
## 36                        AgreeYa Solutions Rancho Cordova, CA
## 37                                   eHire          Austin, TX
## 38                        The Astor Group       New York, NY
## 39         Cognizant Technology Solutions  New Brunswick, NJ
## 40                  Robert Half Technology       Las Vegas, NV
## 41       International Programming & Systems      San Mateo, CA
## 42                               Advantage       Charlotte, NC
## 43                               ConsultAdd          Dallas, TX
## 44                                Delegata      Sacramento, CA
## 45                       UnitedHealth Group        Plymouth, MN
## 46                              Informatica          Boston, MA
## 47                              Accion Labs    SAINT LOUIS, MO
## 48         HALLMARK GLOBAL TECHNOLOGIES INC          Dallas, TX
## 49                Encore Software Services         Oakland, CA
## 50                     Federal Reserve Bank         Chicago, IL
##            date
## 1  2016-10-07
## 2  2016-10-23
## 3  2016-10-23
## 4  2016-09-27
## 5  2016-10-21
## 6  2016-10-21
## 7  2016-10-21
## 8  2016-10-23
## 9  2016-09-29
## 10 2016-10-18
## 11 2016-10-23
## 12 2016-10-13
## 13 2016-10-20
## 14 2016-10-23
## 15 2016-10-23
## 16 2016-10-23
## 17 2016-10-13
## 18 2016-10-21
## 19 2016-10-23
## 20 2016-10-20
## 21 2016-10-20
## 22 2016-10-23
## 23 2016-10-23
## 24 2016-10-20
## 25 2016-10-23
## 26 2016-10-21
## 27 2016-10-21
```

```
## 28 2016-10-23
## 29 2016-10-21
## 30 2016-10-23
## 31 2016-10-04
## 32 2016-10-20
## 33 2016-10-21
## 34 2016-10-21
## 35 2016-10-17
## 36 2016-10-20
## 37 2016-10-20
## 38 2016-10-21
## 39 2016-10-23
## 40 2016-10-23
## 41 2016-10-23
## 42 2016-10-23
## 43 2016-10-20
## 44 2016-10-05
## 45 2016-10-23
## 46 2016-10-23
## 47 2016-10-19
## 48 2016-10-04
## 49 2016-10-21
## 50 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 2518
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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Communication+Skills&city=&t
##
## $resultItemList
##                                                                       detailUrl
## 1               http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2                     http://www.dice.com/job/result/10110732/743967?src=19
## 3               http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 4                     http://www.dice.com/job/result/10115823/729057?src=19
## 5                     http://www.dice.com/job/result/amazon20/414776?src=19
## 6                   http://www.dice.com/job/result/10197369/JH518C#PL?src=19
## 7                 http://www.dice.com/job/result/cybercod/NK2-13236349?src=19
## 8                 http://www.dice.com/job/result/40001003/VG-SrPM-2318?src=19
## 9                     http://www.dice.com/job/result/10378546/216420?src=19
## 10                      http://www.dice.com/job/result/10125226/5531?src=19
## 11                http://www.dice.com/job/result/cybercod/LP1-130822575?src=19
```

```
## 12                                     http://www.dice.com/job/result/KANBAY/739795?src=19
## 13                         http://www.dice.com/job/result/rhalfint/04310-9500200136?src=19
## 14                                       http://www.dice.com/job/result/adtemo/6742?src=19
## 15                                   http://www.dice.com/job/result/10205107/20161010?src=19
## 16 http://www.dice.com/job/result/10115339/CDC301A25B3ADDA4DEDA39A987F31102?src=19
## 17                                    http://www.dice.com/job/result/10477708/51357?src=19
## 18                                    http://www.dice.com/job/result/10122753/94648?src=19
## 19                         http://www.dice.com/job/result/rhalfint/04010-0008854054?src=19
## 20                                  http://www.dice.com/job/result/sunrise/16-11870?src=19
## 21                                  http://www.dice.com/job/result/10115700c/514806?src=19
## 22                              http://www.dice.com/job/result/kforcecx/ITEQG1572917?src=19
## 23                          http://www.dice.com/job/result/10106525/24146312000007842?src=19
## 24                                   http://www.dice.com/job/result/amazon20/410226?src=19
## 25                            http://www.dice.com/job/result/cybercod/CP3-130190076?src=19
## 26                                 http://www.dice.com/job/result/cxprince/16-10910?src=19
## 27                          http://www.dice.com/job/result/10466845/02430-0008858763?src=19
## 28                         http://www.dice.com/job/result/rhalfint/01070-9500191839?src=19
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## 30                                   http://www.dice.com/job/result/10117979/161777?src=19
## 31                                   http://www.dice.com/job/result/10119092/10141D?src=19
## 32                                   http://www.dice.com/job/result/imssvs/12643X6635?src=19
## 33                                  http://www.dice.com/job/result/RTX13ad66/312893?src=19
## 34                                   http://www.dice.com/job/result/amazon20/376647?src=19
## 35                                   http://www.dice.com/job/result/amazon20/422373?src=19
## 36          http://www.dice.com/job/result/CXMODHOU/US_EN_6_17413_53612285?src=19
## 37                                   http://www.dice.com/job/result/matrixga/116760?src=19
## 38                                   http://www.dice.com/job/result/10519203/731946?src=19
## 39                                   http://www.dice.com/job/result/90890095/667172?src=19
## 40                                       http://www.dice.com/job/result/90819068/617?src=19
## 41                                  http://www.dice.com/job/result/10365558/PSMSENG?src=19
## 42                          http://www.dice.com/job/result/RTL48417/16RNATOPS063?src=19
## 43                                   http://www.dice.com/job/result/amazon20/450948?src=19
## 44                                    http://www.dice.com/job/result/COSWA001/1465?src=19
## 45                              http://www.dice.com/job/result/10118029/VB-CCS-738?src=19
## 46                                   http://www.dice.com/job/result/90780659/2937?src=19
## 47                                  http://www.dice.com/job/result/RTX16d84d/717857?src=19
## 48                                   http://www.dice.com/job/result/amazon20/370613?src=19
## 49                                   http://www.dice.com/job/result/10109150/745712?src=19
## 50                                   http://www.dice.com/job/result/90780659/3282?src=19
##                                                                        jobTitle
## 1                                                     Business/Systems Analyst
## 2                                                     Sr Sitecore Web Developer
## 3                                       Technical Project Manager (REMOTE) APPLICATIONS
## 4             Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 5                                     Technical Program Manager, Core Engineering Team
## 6                                                          Sr C# Project Leader
## 7             Network Engineer~Competitive Compensation & Family-Oriented Team
## 8             Senior Program Manager with Enterprise Storage experience need for 8
## 9                                             Professional Services Engineer- TAC
## 10                                                            Business Analyst I
## 11            Digital Design Verification Lead - Ethernet -Start-up and More!
## 12                                                       Java Technical Architect
## 13                                                            Support Technician
## 14                                                     Sr Infrastructure Engineer
```

```
## 15                       OTL & Payroll Functional/Technical (2) positions
## 16                            Technology Internship Program: Spring -17
## 17                                                       Business Analyst
## 18                                                Business System Analyst
## 19                                                       Business Analyst
## 20                                                        Technical Writer
## 21                     Data Engineer (Enterprise Integration): Minneapolis
## 22                                                        Project Manager
## 23                              OCM Mergers & Acquisitions (M&A) Manager
## 24        Senior Technical Program Manager - Military Community - Austin, TX
## 25                  DevOps Engineer - Linux, MySQL, Python, shell script
## 26                                                       Business Analyst
## 27                                             Digital Marketing Specialist
## 28                                                  Systems Adminstrator
## 29                                     Internal Communications Specialist
## 30                                                        DevOps Engineer
## 31                                                User Experience Designer
## 32                                                     Sr. Java Developer
## 33                                        Instructional Designer and Trainer
## 34                     Sr Systems Engineer - Build and Packaging Systems
## 35                                          Data Collection Support Engineer
## 36                     Cisco Unified Communications Engineer - Houston, TX
## 37                                              Sr. Survey Developer/Analyst
## 38                                            Sr. SAP HCM w. Success factor
## 39                                          Senior TPF Programmer (Remote)
## 40 Data Analyst - This position is NOT open to interns or recent grads!!
## 41                                          Microsoft Infrastructure Engineer
## 42                                      Communication Application Engineer
## 43                                                        Workflow Analyst
## 44                                Splunk - Information Security Analyst ~
## 45                                     Corporate Communications Specialist
## 46                                            Contractor - Data Analyst
## 47                                              Business Process Analyst
## 48                                     Sr. UX Researcher - Kindle Products
## 49                                            Sr. Systems Developer-.NET
## 50                                            Business Support Analyst
##                              company                    location
## 1                                Volt        Jersey City, NJ
## 2                    UROOJ Corporation           Milford, CT
## 3                            Advantage          Chicago, IL
## 4        Enterprise Business Solutions Inc     Falls Church, VA
## 5                              Amazon           Newark, NJ
## 6        Hamilton Technical Personnel          Albany, NY
## 7                          CyberCoders         Richmond, VA
## 8                          ZNA Infotek        Charlotte, NC
## 9                     iDirect Government        Herndon, VA
## 10                          JDC Group
## 11                         CyberCoders        Pittsburgh, PA
## 12                          Capgemini          Chicago, IL
## 13                Robert Half Technology        Hampton, VA
## 14                    Advantage Tech, Inc     Kansas City, MO
## 15                Empowered Solutions,Inc.       Houston, TX
## 16                Capital Insurance Group           Reno, NV
## 17                Inspire IT Solutions, LLC       Atlanta, GA
```

```
## 18                                    Ciber            Phoenix, AZ
## 19                   Robert Half Technology              Frisco, TX
## 20                    Sunrise Systems, Inc.           Melbourne, FL
## 21                    Randstad Technologies         Minneapolis, MN
## 22                             Kforce Inc.          Saint Louis, MO
## 23                                Deloitte              McLean, VA
## 24                                  Amazon              Austin, TX
## 25                             CyberCoders           Sunnyvale, CA
## 26                 Princeton Information Ltd               Tampa, FL
## 27                       The Creative Group          Saint Louis, MO
## 28                   Robert Half Technology            Ft. Myers, FL
## 29                       Phoenix Staff, Inc.               tempe, AZ
## 30                        Experian Limited            Franklin, TN
## 31                              ConsultUSA          Pittsburgh, PA
## 32     IMS - International Management Systems             Aurora, CO
## 33                   University of Minnesota         Minneapolis, MN
## 34                                  Amazon             Seattle, WA
## 35                                  Amazon           Sunnyvale, CA
## 36                                   Modis             Houston, TX
## 37                         Matrix Resources             Durham, NC
## 38                   MAK Technologies, LLC         Jersey City, NJ
## 39                                  VOSAGO             Phoenix, AZ
## 40                                PlacingIT             Orlando, FL
## 41                   ProSource Solutions LLC          Richfield, OH
## 42 Schweitzer Engineering Laboratories, Inc.             irvine, CA
## 43                                  Amazon           Cambridge, MA
## 44           Costco Wholesale Corporation             Issaquah, WA
## 45                     The ProSource Group             Carlsbad, CA
## 46                     First Republic Bank        San Francisco, CA
## 47                          DSFederal, Inc.            Rockville, MD
## 48                                  Amazon        San Francisco, CA
## 49              Business Knowledge Services Greenwood Village, CO
## 50                     First Republic Bank             New York, NY
##          date
## 1  2016-10-23
## 2  2016-10-21
## 3  2016-10-23
## 4  2016-10-07
## 5  2016-10-19
## 6  2016-10-23
## 7  2016-10-23
## 8  2016-10-21
## 9  2016-10-23
## 10 2016-10-23
## 11 2016-10-23
## 12 2016-10-17
## 13 2016-10-23
## 14 2016-10-23
## 15 2016-10-16
## 16 2016-10-19
## 17 2016-10-19
## 18 2016-10-23
## 19 2016-10-23
## 20 2016-10-19
```

```
## 21 2016-10-23
## 22 2016-10-22
## 23 2016-10-23
## 24 2016-10-19
## 25 2016-10-23
## 26 2016-10-23
## 27 2016-10-23
## 28 2016-10-23
## 29 2016-10-23
## 30 2016-10-23
## 31 2016-10-21
## 32 2016-10-20
## 33 2016-10-21
## 34 2016-10-19
## 35 2016-10-19
## 36 2016-10-23
## 37 2016-10-23
## 38 2016-10-12
## 39 2016-10-17
## 40 2016-10-20
## 41 2016-09-27
## 42 2016-10-14
## 43 2016-10-19
## 44 2016-10-23
## 45 2016-10-21
## 46 2016-10-23
## 47 2016-09-29
## 48 2016-10-19
## 49 2016-10-20
## 50 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 258
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Career+Mapping&city=&text=&i
##
## $resultItemList
##                                                    detailUrl
## 1        http://www.dice.com/job/result/10175336/747098?src=19
## 2            http://www.dice.com/job/result/itowt/677006?src=19
## 3     http://www.dice.com/job/result/10504473/JKS0000322?src=19
## 4        http://www.dice.com/job/result/chenj001/16-03944?src=19
```

```
## 5       http://www.dice.com/job/result/RTX141f45/PHI6865?src=19
## 6       http://www.dice.com/job/result/10275036/denba2016?src=19
## 7          http://www.dice.com/job/result/payette/734595?src=19
## 8   http://www.dice.com/job/result/10114742/FB-MPRA3138?src=19
## 9         http://www.dice.com/job/result/designnj1/15532?src=19
## 10       http://www.dice.com/job/result/10188065/037996?src=19
## 11      http://www.dice.com/job/result/10113757A/747723?src=19
## 12       http://www.dice.com/job/result/10122321/110-615?src=19
## 13       http://www.dice.com/job/result/10110870/740381?src=19
## 14      http://www.dice.com/job/result/RTX1b96d1/4738807?src=19
## 15       http://www.dice.com/job/result/10198319/VJ-3401?src=19
## 16       http://www.dice.com/job/result/10116652/725235?src=19
## 17       http://www.dice.com/job/result/10429942/744105?src=19
## 18         http://www.dice.com/job/result/10124613/1922?src=19
## 19        http://www.dice.com/job/result/10112865/BABOS?src=19
## 20       http://www.dice.com/job/result/10205780/736860?src=19
## 21     http://www.dice.com/job/result/90929511/TB1004-01?src=19
## 22     http://www.dice.com/job/result/10117022/ATR122261?src=19
## 23       http://www.dice.com/job/result/10110566/712225?src=19
## 24         http://www.dice.com/job/result/apexsan/693437?src=19
## 25       http://www.dice.com/job/result/itca001/16-08457?src=19
## 26       http://www.dice.com/job/result/iconma/L2BPATabl?src=19
## 27       http://www.dice.com/job/result/10531903/365079?src=19
## 28          http://www.dice.com/job/result/bcsinc/746725?src=19
## 29       http://www.dice.com/job/result/10237020/732761?src=19
## 30         http://www.dice.com/job/result/tecnos/718482?src=19
## 31         http://www.dice.com/job/result/compri/741697?src=19
## 32       http://www.dice.com/job/result/10271304/733938?src=19
## 33 http://www.dice.com/job/result/cybercod/SM7-131271154?src=19
## 34 http://www.dice.com/job/result/cxmnpwr2/USA_319853-13?src=19
## 35       http://www.dice.com/job/result/10294783/247123?src=19
## 36       http://www.dice.com/job/result/10275036/540401?src=19
## 37            http://www.dice.com/job/result/grmi/10005?src=19
## 38      http://www.dice.com/job/result/10125894/CR-11417?src=19
## 39        http://www.dice.com/job/result/isavvix/SRHTDA?src=19
## 40      http://www.dice.com/job/result/10115106/5644324?src=19
## 41       http://www.dice.com/job/result/10441213/732076?src=19
## 42      http://www.dice.com/job/result/10119098/McK_EDI?src=19
## 43      http://www.dice.com/job/result/80108439/16-00162?src=19
## 44   http://www.dice.com/job/result/10275036/nhdata2016?src=19
## 45       http://www.dice.com/job/result/RTL138962/740696?src=19
## 46       http://www.dice.com/job/result/RTL138962/688771?src=19
## 47       http://www.dice.com/job/result/10122703/731484?src=19
## 48      http://www.dice.com/job/result/10109429/AD_PA_VA?src=19
## 49       http://www.dice.com/job/result/10333482/732990?src=19
## 50        http://www.dice.com/job/result/90675026/725303?src=19
##                                                          jobTitle
## 1                       Business Analyst--Healthcare--Long Beach CA
## 2                                    Infrastructure Program Manager
## 3               Business Analyst- Modelling/mapping and test experience
## 4                                               Solution Architect
## 5                                                      UX Designer
## 6                                              senior data analyst
## 7                                              Geospatial Engineer
```

```
## 8                                                     Research Analyst
## 9                                                Trading System Support
## 10                                                     SAP HRM Analyst
## 11                     Financial Dashboard Business Intelligence Architect
## 12                                            Senior IT Business Analyst
## 13                                                 BIG DATA ADMNISTRATOR
## 14                            Sr. Data Integration Developer, MIO Partners
## 15            GIS Specialist/Analyst @ Richmond, VA // Contract Position // Local's Only
## 16                                        Sr. Data Analyst (10 years above)
## 17 Project management / BSA (Process mapping ,Requirements documentation)Rate-Open, 1 year, Oregon
## 18                                          Java/Apache/Lucene Search Engineer
## 19                                                     Business Analyst
## 20                     SQL Developer with Financial Domian Exp & ETL & Data Mapping Exp
## 21                                              Test Engineer (SQL / Backend)
## 22                             DW ETL QA (informatica IDQ DVO) **w2 125979
## 23                                                     Business Analyst
## 24                                            Systems Process Technical Writer
## 25                                            Business Data Analyst (Banking)
## 26                            Level 2 Business Process Analyst/Engineer - Tableau
## 27                                                    Sr. Project Manager
## 28                                        Business Analyst (Insurance Experience)
## 29                                            Principal Architect, IT Solutions
## 30                     Process Engineer General- Dearborn, MI- 12 months Contract (only W2)
## 31                                                        Systems Analyst
## 32                                            Data Scientist @ Cleveland, OH
## 33                                Big Data Scientist - Insurance/Banking Industry!!
## 34                                            Business Process Specialist
## 35                                Application Systems Analyst BHJOB11946_247123
## 36                                                        SQL ETL analyst
## 37                                                        CAREER EVENT
## 38                                                CR-11417 Data Migration
## 39                                                        Data Analyst
## 40                                                    Tableau Developer
## 41                                                            SDE
## 42                                        EDI development/ Onboarding Specialist
## 43                                    Project Manager, Regulated Project Experience
## 44                                                    senior data analyst
## 45                                                    IBM B2B/SI Mapper
## 46                                            EDI Relationship Coordinator
## 47                                        Sr. Developer with Talend and Java
## 48                                                    Procedure Analyst
## 49                                    Senior Strategy & Technology Consultant
## 50                                                Business Systems Analyst
## 
```

| | company | location |
|---|---|---|
| ## 1 | Sedna Consulting Group | Long Beach, CA |
| ## 2 | International Information Technology Team, Inc. | stamford, CT |
| ## 3 | JASStek Inc. | Columbus, OH |
| ## 4 | Chenoa Information Services | Jersey City, NJ |
| ## 5 | Creative Circle, LLC | Plymouth Meeting, PA |
| ## 6 | A2C Consulting | englewood, CO |
| ## 7 | Payette Group | Mountain View, CA |
| ## 8 | Calsoft Labs | Menlo Park, CA |
| ## 9 | Design Strategy | New York, NY |
| ## 10 | Red Bridge Consulting Group | Charlotte, NC |

```
## 11                PurpleSquirrel / Identify Recruiting          Minneapolis, MN
## 12                  American College of Cardiology              Washington, DC
## 13        Johnson Technology Systems Inc (JTSI)                    Radford, VA
## 14                              MIO Partners, INC                 New York, NY
## 15                                     NPD Global                 Richmond, VA
## 16                        Addon Technologies Inc.             Auburn Hills, MI
## 17                                       Centizen               Beaverton, OR
## 18                               Case Interactive                New York, NY
## 19               Genoa International Solutions                   Ann Arbor, MI
## 20                    Software Technology, Inc.              White Plains, NY
## 21                              TechBrains Inc.                Sacramento, CA
## 22                       ATR International, Inc.                   Irvine, CA
## 23                              eConsultants Inc                  Atlanta, GA
## 24                             Apex Systems, Inc          Charlottesville, VA
## 25                                        Ascent               San Ramon, CA
## 26                                        ICONMA                  Mclean, VA
## 27                                 Hire CIO, Inc                Columbus, OH
## 28                                    CGN Global                 Chicago, IL
## 29                                       Abjayon                New York, NY
## 30                        Technosoft Corporation                Dearborn, MI
## 31                             Compri Consulting                  Denver, CO
## 32                               Net2Source Inc.               Cleveland, OH
## 33                                   CyberCoders                  Austin, TX
## 34                                      Manpower                 Jackson, MI
## 35                                 Addison Group                   Tulsa, OK
## 36                                A2C Consulting              Wilmington, DE
## 37             Global Resource Management, Inc.                  Atlanta, GA
## 38                        GTN Technical Staffing                 Dallas, TX
## 39                  InScope International, Inc.                  Urbana, MD
## 40                          Net Matrix Solutions             San Rafael, CA
## 41                              BroadPoint Group                Seattle, WA
## 42                              Amerit Consulting          Jacksonville, FL
## 43                 Velocity Technology Resources                Yonkers, NY
## 44                                A2C Consulting             Manchester, NH
## 45          REMEDI Electronic Commerce Group                Charlotte, NC
## 46          REMEDI Electronic Commerce Group                 Rockford, IL
## 47                  Reliable Software Resources              New Haven, CT
## 48                              DatamanUSA, LLC                 Chester, VA
## 49                              Lawrence Harvey            Sherman Oaks, CA
## 50                                         Keyot              Richardson, TX
##        date
## 1  2016-10-23
## 2  2016-09-27
## 3  2016-10-17
## 4  2016-10-17
## 5  2016-09-23
## 6  2016-10-23
## 7  2016-10-21
## 8  2016-10-21
## 9  2016-10-23
## 10 2016-10-17
## 11 2016-10-23
## 12 2016-10-20
## 13 2016-10-18
```

```
## 14 2016-10-17
## 15 2016-10-20
## 16 2016-10-05
## 17 2016-10-21
## 18 2016-10-20
## 19 2016-10-21
## 20 2016-10-21
## 21 2016-10-19
## 22 2016-10-19
## 23 2016-09-27
## 24 2016-10-04
## 25 2016-10-23
## 26 2016-10-13
## 27 2016-10-03
## 28 2016-10-21
## 29 2016-10-20
## 30 2016-10-21
## 31 2016-10-18
## 32 2016-10-21
## 33 2016-10-23
## 34 2016-10-23
## 35 2016-09-29
## 36 2016-10-23
## 37 2016-10-17
## 38 2016-10-22
## 39 2016-10-17
## 40 2016-10-20
## 41 2016-10-21
## 42 2016-10-23
## 43 2016-10-19
## 44 2016-10-23
## 45 2016-10-18
## 46 2016-10-12
## 47 2016-10-21
## 48 2016-10-17
## 49 2016-10-21
## 50 2016-10-06
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 10
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 10
##
## $resultItemList
##                                                            detailUrl
```

```
## 1           http://www.dice.com/job/result/ubics/SM2016-PM?src=19
## 2           http://www.dice.com/job/result/10243845/743895?src=19
## 3           http://www.dice.com/job/result/REIVA001/667630?src=19
## 4  http://www.dice.com/job/result/cybercod/SN2-131626838?src=19
## 5        http://www.dice.com/job/result/10457621/Niki-a12?src=19
## 6        http://www.dice.com/job/result/mitchmar/101416pc?src=19
## 7          http://www.dice.com/job/result/10230006/700965?src=19
## 8          http://www.dice.com/job/result/90938782/737473?src=19
## 9          http://www.dice.com/job/result/10505979/741553?src=19
## 10       http://www.dice.com/job/result/RTX1b8efc/4729858?src=19
##                                                              jobTitle
## 1                                                 IT JR Project Manager
## 2                                                       Project Manager
## 3                                                     Project Coordnitor
## 4                                    Product Designer to join GREAT start-up!
## 5                                                 Verification Engineer
## 6                                              Sr. PeopleSoft Developer
## 7  SuccessFactors LMS, Learning, Performance Goals, Employee Central Administrator
## 8                                                             VP of Sales
## 9                                                       Project Manager I
## 10                                              Senior Network Architect
##                              company            location       date
## 1                          Ubics, Inc.      Pittsburgh, PA 2016-10-20
## 2                      Dew Softech Inc      Weehawken, NJ 2016-10-21
## 3                          REI Systems       Sterling, VA 2016-10-21
## 4                          CyberCoders Westlake Village, CA 2016-10-23
## 5                       ScrumLink, Inc.     Boxborough, MA 2016-10-20
## 6                Mitchell Martin, Inc.         Atlanta, GA 2016-10-14
## 7                       Cross Solutions       Arlington, VA 2016-10-10
## 8                           Wickr Inc.   San Francisco, CA 2016-10-14
## 9                               Nespon         Atlanta, GA 2016-10-18
## 10 QuarterLine Consulting Services, LLC        Herndon, VA 2016-10-10

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file


## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 2836
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Coding+Skills&city=&text=&ip=
##
## $resultItemList
##                                                          detailUrl
## 1              http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2                    http://www.dice.com/job/result/ngitbot/16012143?src=19
```

```
## 3                        http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 4                              http://www.dice.com/job/result/10115823/729057?src=19
## 5                              http://www.dice.com/job/result/iconma/ENG23473?src=19
## 6                              http://www.dice.com/job/result/amazon20/414776?src=19
## 7                          http://www.dice.com/job/result/10197369/JH518C#PL?src=19
## 8                        http://www.dice.com/job/result/40001003/VG-SrPM-2318?src=19
## 9                                http://www.dice.com/job/result/10125226/5531?src=19
## 10                      http://www.dice.com/job/result/cybercod/LP1-130822575?src=19
## 11                      http://www.dice.com/job/result/rhalfint/01500-0008894846?src=19
## 12                        http://www.dice.com/job/result/cybercod/DH1-13237399?src=19
## 13                              http://www.dice.com/job/result/KANBAY/739795?src=19
## 14                      http://www.dice.com/job/result/rhalfint/04310-9500200136?src=19
## 15                                http://www.dice.com/job/result/adtemo/6742?src=19
## 16                      http://www.dice.com/job/result/ciscobot/R1017324-en_US?src=19
## 17                              http://www.dice.com/job/result/10205107/20161010?src=19
## 18                              http://www.dice.com/job/result/ngitbot/16012447?src=19
## 19 http://www.dice.com/job/result/10115339/CDC301A25B3ADDA4DEDA39A987F31102?src=19
## 20                      http://www.dice.com/job/result/rhalfint/04010-0008854054?src=19
## 21                              http://www.dice.com/job/result/10115700c/514806?src=19
## 22                        http://www.dice.com/job/result/kforcecx/ITEQG1572917?src=19
## 23                      http://www.dice.com/job/result/10106525/24146312000007842?src=19
## 24                              http://www.dice.com/job/result/amazon20/410226?src=19
## 25                        http://www.dice.com/job/result/cybercod/CP3-130190076?src=19
## 26                        http://www.dice.com/job/result/10208346M/5919_SQL_AZ?src=19
## 27                              http://www.dice.com/job/result/cxprince/16-10910?src=19
## 28                      http://www.dice.com/job/result/10466845/02430-0008858763?src=19
## 29                      http://www.dice.com/job/result/rhalfint/01070-9500191839?src=19
## 30                              http://www.dice.com/job/result/10117979/161777?src=19
## 31                              http://www.dice.com/job/result/10119092/10141D?src=19
## 32                        http://www.dice.com/job/result/imssvs/12643X6635?src=19
## 33                              http://www.dice.com/job/result/amazon20/376647?src=19
## 34                              http://www.dice.com/job/result/amazon20/422373?src=19
## 35                        http://www.dice.com/job/result/10116288/PP_SDET?src=19
## 36                              http://www.dice.com/job/result/matrixga/116760?src=19
## 37                              http://www.dice.com/job/result/10519203/731946?src=19
## 38                              http://www.dice.com/job/result/amazon20/450948?src=19
## 39                                http://www.dice.com/job/result/COSWA001/1465?src=19
## 40                                http://www.dice.com/job/result/hirtblok/34562?src=19
## 41                              http://www.dice.com/job/result/90780659/2937?src=19
## 42                        http://www.dice.com/job/result/RTX16d84d/717857?src=19
## 43                              http://www.dice.com/job/result/amazon20/370613?src=19
## 44                      http://www.dice.com/job/result/10282686/FLEX_384_PS03?src=19
## 45                              http://www.dice.com/job/result/10109150/745712?src=19
## 46                              http://www.dice.com/job/result/500519669/018722?src=19
## 47                                http://www.dice.com/job/result/90780659/3282?src=19
## 48                                http://www.dice.com/job/result/10111101/BT02?src=19
## 49                              http://www.dice.com/job/result/10117361/732741?src=19
## 50                              http://www.dice.com/job/result/90894303/627252?src=19
##                                                                            jobTitle
## 1                                                            Business/Systems Analyst
## 2                                            Assured Boot Team - Software Engineer 4
## 3                                       Technical Project Manager (REMOTE) APPLICATIONS
## 4       Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 5                                            Production/Application Support Engineer
```

```
## 6                        Technical Program Manager, Core Engineering Team
## 7                                                    Sr C# Project Leader
## 8   Senior Program Manager with Enterprise Storage experience need for 8
## 9                                                      Business Analyst I
## 10       Digital Design Verification Lead - Ethernet -Start-up and More!
## 11                          DevOps Engineer (Full-Time) (PERM POSITION)
## 12                             Software Engineer in Test (C# or java)
## 13                                            Java Technical Architect
## 14                                                    Support Technician
## 15                                            Sr Infrastructure Engineer
## 16                                         Software Engineer- Front End
## 17                        OTL & Payroll Functional/Technical (2) positions
## 18                                              Software Developer 2 / 3
## 19                          Technology Internship Program: Spring -17
## 20                                                    Business Analyst
## 21              Data Engineer (Enterprise Integration): Minneapolis
## 22                                                    Project Manager
## 23                        OCM Mergers & Acquisitions (M&A) Manager
## 24    Senior Technical Program Manager - Military Community - Austin, TX
## 25            DevOps Engineer - Linux, MySQL, Python, shell script
## 26                                            SQL Programmer Analyst
## 27                                                    Business Analyst
## 28                                        Digital Marketing Specialist
## 29                                                Systems Adminstrator
## 30                                                    DevOps Engineer
## 31                                            User Experience Designer
## 32                                                Sr. Java Developer
## 33                Sr Systems Engineer - Build and Packaging Systems
## 34                              Data Collection Support Engineer
## 35                                        Sr. Quality Engineer (SDET)
## 36                                          Sr. Survey Developer/Analyst
## 37                                        Sr. SAP HCM w. Success factor
## 38                                                    Workflow Analyst
## 39                          Splunk - Information Security Analyst ~
## 40                                            Senior DEVOPS Engineer
## 41                                        Contractor - Data Analyst
## 42                                        Business Process Analyst
## 43                          Sr. UX Researcher - Kindle Products
## 44                                            Salesforce Developer
## 45                                            Sr. Systems Developer-.NET
## 46       HVS-Specialist SW Development Engineer-Hitachi Insight Group
## 47                                            Business Support Analyst
## 48       Principal Consultant - Custom Application Development
## 49                                                    Data Architect
## 50                                                    PC Technician
##                                 company            location
## 1                                  Volt      Jersey City, NJ
## 2                        NORTHROP GRUMMAN Annapolis Junction, MD
## 3                            Advantage             Chicago, IL
## 4       Enterprise Business Solutions Inc      Falls Church, VA
## 5                                ICONMA          O Fallon, MO
## 6                                Amazon            Newark, NJ
## 7            Hamilton Technical Personnel        Albany, NY
## 8                          ZNA Infotek          Charlotte, NC
```

```
## 9                                    JDC Group
## 10                                  CyberCoders            Pittsburgh, PA
## 11                       Robert Half Technology            Des Moines, IA
## 12                                  CyberCoders            Greenville, SC
## 13                                    Capgemini               Chicago, IL
## 14                       Robert Half Technology              Hampton, VA
## 15                          Advantage Tech, Inc          Kansas City, MO
## 16                          Cisco Systems Inc.              Milpitas, CA
## 17                      Empowered Solutions,Inc.             Houston, TX
## 18                             NORTHROP GRUMMAN          Gaithersburg, MD
## 19                       Capital Insurance Group                Reno, NV
## 20                       Robert Half Technology               Frisco, TX
## 21                        Randstad Technologies           Minneapolis, MN
## 22                                  Kforce Inc.            Saint Louis, MO
## 23                                     Deloitte               McLean, VA
## 24                                       Amazon               Austin, TX
## 25                                  CyberCoders             Sunnyvale, CA
## 26                                    Collabera              Phoenix, AZ
## 27                     Princeton Information Ltd                Tampa, FL
## 28                            The Creative Group           Saint Louis, MO
## 29                       Robert Half Technology              Ft. Myers, FL
## 30                             Experian Limited              Franklin, TN
## 31                                    ConsultUSA            Pittsburgh, PA
## 32 IMS - International Management Systems                     Aurora, CO
## 33                                       Amazon              Seattle, WA
## 34                                       Amazon            Sunnyvale, CA
## 35                               Prokarma, Inc.              Phoenix, AZ
## 36                              Matrix Resources               Durham, NC
## 37                          MAK Technologies, LLC          Jersey City, NJ
## 38                                       Amazon            Cambridge, MA
## 39                  Costco Wholesale Corporation             Issaquah, WA
## 40                                    Clearleap              Atlanta, GA
## 41                           First Republic Bank        San Francisco, CA
## 42                               DSFederal, Inc.            Rockville, MD
## 43                                       Amazon        San Francisco, CA
## 44                                  Flexton Inc        San Francisco, CA
## 45                    Business Knowledge Services  Greenwood Village, CO
## 46                           Hitachi Data Systems         Santa Clara, CA
## 47                           First Republic Bank             New York, NY
## 48                                     Neudesic               Chicago, IL
## 49                          Confidential Company            Villanova, PA
## 50                                3-D Technology                Tampa, FL
##          date
## 1  2016-10-23
## 2  2016-10-22
## 3  2016-10-23
## 4  2016-10-07
## 5  2016-10-13
## 6  2016-10-19
## 7  2016-10-23
## 8  2016-10-21
## 9  2016-10-23
## 10 2016-10-23
## 11 2016-10-23
```

```
## 12 2016-10-23
## 13 2016-10-17
## 14 2016-10-23
## 15 2016-10-23
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## 18 2016-10-22
## 19 2016-10-19
## 20 2016-10-23
## 21 2016-10-23
## 22 2016-10-22
## 23 2016-10-23
## 24 2016-10-19
## 25 2016-10-23
## 26 2016-10-03
## 27 2016-10-23
## 28 2016-10-23
## 29 2016-10-23
## 30 2016-10-23
## 31 2016-10-21
## 32 2016-10-20
## 33 2016-10-19
## 34 2016-10-19
## 35 2016-10-23
## 36 2016-10-23
## 37 2016-10-12
## 38 2016-10-19
## 39 2016-10-23
## 40 2016-10-07
## 41 2016-10-23
## 42 2016-09-29
## 43 2016-10-19
## 44 2016-10-21
## 45 2016-10-20
## 46 2016-10-23
## 47 2016-10-23
## 48 2016-10-20
## 49 2016-10-11
## 50 2016-10-20

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
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##
## $firstDocument
## [1] 1
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## $lastDocument
## [1] 50
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```

```
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Data+Mining+Skills&city=&tex
##
## $resultItemList
##                                                                detailUrl
## 1  http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2                    http://www.dice.com/job/result/90941044/2401?src=19
## 3              http://www.dice.com/job/result/10115700c/514062?src=19
## 4               http://www.dice.com/job/result/ccetx001/744146?src=19
## 5     http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6              http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 7        http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 8         http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 9       http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 10  http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 11             http://www.dice.com/job/result/10360631/736240?src=19
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## 18        http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 19         http://www.dice.com/job/result/10197369/JH518C#PL?src=19
## 20           http://www.dice.com/job/result/aces/00020175051?src=19
## 21             http://www.dice.com/job/result/matrixga/113029?src=19
## 22             http://www.dice.com/job/result/10412228/675018?src=19
## 23     http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
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## 25                  http://www.dice.com/job/result/ndi/564851?src=19
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## 46              http://www.dice.com/job/result/paracomp/MDMml?src=19
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```
## 50       http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
##                                                             jobTitle
## 1                                        Business/Systems Analyst
## 2                                             Wireless Engineer
## 3                                            Full Stack Developer
## 4                                             Big Data Consultant
## 5              Data Modeler III - Business Intelligence Architect
## 6                                              Security Analyst
## 7                                  Solutions Architect - E-commerce
## 8                       Research Engineer - Python, Machine Learning,
## 9                                            Senior Data Engineer
## 10               Technical Project Manager (REMOTE) APPLICATIONS
## 11                    Fullstack developer with big data Technologies
## 12  Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 13                     Business Analyst--Healthcare--Long Beach CA
## 14                                                 WCS Architect
## 15               Technical Program Manager, Core Engineering Team
## 16                             SQL BI/ETL Developer - Canton, OH
## 17                                           Senior Data Analyst
## 18            Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 19                                          Sr C# Project Leader
## 20                              Enterprise Architect - Manager
## 21                             BUSINESS SYSTEMS CONSULTANT
## 22                                          IT Operations manager
## 23    Software Engineer - Programming, Blockchain Technology, bitcoin
## 24                                     Security Systems Engineer
## 25                                                    Oracle DBA
## 26                             Clinical Annotator- data mining
## 27  Senior Program Manager with Enterprise Storage experience need for 8
## 28                            Associate Technician-Baseline (Net)
## 29                                     Data Cap/FileNet Developer
## 30                                                Data scientist
## 31                                        Engineer Aeronautical 2
## 32                                        Java / Big Data Developer
## 33                Developer Business Intelligence(**DIRECT CLIENT**)
## 34              Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 35     Test Data Engineer - Relaxed environment and awesome culture!
## 36                                       Regional Account Executive
## 37                                             Business Analyst I
## 38                                                  .NET Developer
## 39     Digital Design Verification Lead - Ethernet -Start-up and More!
## 40                  Senior Project Manager - Data Center Migrations
## 41                                          Developer III - ETL
## 42                                    .Net BigData Scala Developer
## 43                                                  Data Modeler
## 44                                          Solutions Architect
## 45                                     Java Technical Architect
## 46  Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 47                                            Support Technician
## 48                        Data Scientist - JOIN A GROWING TEAM!
## 49                                             Category Manager
## 50                                                Data Scientist
##                          company            location        date
## 1                            Volt      Jersey City, NJ 2016-10-23
```

89

```
## 2                Wizard Staff, Inc          Irvine, CA 2016-10-17
## 3            Randstad Technologies          Austin, TX 2016-10-23
## 4            Automation Image Inc.          Irving, TX 2016-10-20
## 5                      Fannie Mae      Washington, DC 2016-10-23
## 6                    Tentek, Inc.         Seattle, WA 2016-09-30
## 7                        TeamSoft         Madison, WI 2016-10-21
## 8                     CyberCoders       San Mateo, CA 2016-10-23
## 9                           Agile         Atlanta, GA 2016-10-23
## 10                      Advantage         Chicago, IL 2016-10-23
## 11             Neuro Systems Inc.       Sunnyvale, CA 2016-10-14
## 12 Enterprise Business Solutions Inc  Falls Church, VA 2016-10-07
## 13         Sedna Consulting Group      Long Beach, CA 2016-10-23
## 14              Cybersearch, Ltd.          Austin, TX 2016-10-19
## 15                         Amazon          Newark, NJ 2016-10-19
## 16 TapRoot Recruiting Solutions, Inc.       Canton, OH 2016-10-23
## 17                        Infodym         Herndon, VA 2016-10-06
## 18                    CyberCoders    San Francisco, CA 2016-10-23
## 19     Hamilton Technical Personnel         Albany, NY 2016-10-23
## 20     Cognizant Technology Solutions      Hartford, CT 2016-10-23
## 21                Matrix Resources       Charlotte, NC 2016-10-23
## 22                       Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 23                    CyberCoders       Palo Alto, CA 2016-10-23
## 24                         Amazon        Boardman, OR 2016-10-19
## 25                         eclaro         atlanta, GA 2016-09-26
## 26          Javen Technologies, Inc   Taylorsville, UT 2016-10-19
## 27                    ZNA Infotek       Charlotte, NC 2016-10-21
## 28                Matrix Resources   Fort Stockton, TX 2016-10-23
## 29     22nd Century Technologies, Inc.       Lansing,, MI 2016-10-21
## 30        Infogium Technologies, LLC     Charlotte, NC 2016-09-26
## 31                NORTHROP GRUMMAN       San Diego, CA 2016-10-22
## 32              Xoriant Corporation        Bristol, CT 2016-10-21
## 33             XCEL Solutions Corp.        NEW YORK, NY 2016-10-23
## 34                    CyberCoders          Nashua, NH 2016-10-23
## 35                    CyberCoders           Boise, ID 2016-10-23
## 36                     PeerSource         Chicago, IL 2016-10-20
## 37                      JDC Group                     2016-10-23
## 38                            CSC         Isabela, PR 2016-10-23
## 39                    CyberCoders      Pittsburgh, PA 2016-10-23
## 40             David Kenneth Group       Annapolis, MD 2016-10-18
## 41            Fidelis Care New York       Rochester, NY 2016-10-23
## 42                           Zen3         Redmond, WA 2016-10-21
## 43               Apex Systems, Inc        Roseland, NJ 2016-10-11
## 44                 HD Supply, Inc.         Atlanta, GA 2016-10-11
## 45                      Capgemini         Chicago, IL 2016-10-17
## 46         Paragon Solutions Inc.        Cranford, NJ 2016-10-21
## 47          Robert Half Technology         Hampton, VA 2016-10-23
## 48                    CyberCoders       Cambridge, MA 2016-10-23
## 49              The Creative Group    Saddle River, NJ 2016-10-23
## 50                Mitchell Martin Long Island City, NY 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file


## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## $lastDocument
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##
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## 2                 http://www.dice.com/job/result/10117450/727826?src=19
## 3                   http://www.dice.com/job/result/90941044/2401?src=19
## 4               http://www.dice.com/job/result/10115700c/514062?src=19
## 5               http://www.dice.com/job/result/ccetx001/744146?src=19
## 6     http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 7               http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 8       http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 9        http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 10    http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 11  http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 12                http://www.dice.com/job/result/10360631/736240?src=19
## 13              http://www.dice.com/job/result/RTX1ba4fb/4725444?src=19
## 14      http://www.dice.com/job/result/micca003/JO#AA5132PMPP?src=19
## 15              http://www.dice.com/job/result/10175336/747098?src=19
## 16                http://www.dice.com/job/result/cybersea/5599?src=19
## 17              http://www.dice.com/job/result/10516063/632028?src=19
## 18            http://www.dice.com/job/result/RTX1ba594/4727297?src=19
## 19      http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 20            http://www.dice.com/job/result/aces/00020175051?src=19
## 21              http://www.dice.com/job/result/matrixga/113029?src=19
## 22              http://www.dice.com/job/result/10412228/675018?src=19
## 23    http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
## 24            http://www.dice.com/job/result/amazon20/383051?src=19
## 25              http://www.dice.com/job/result/itowt/677006?src=19
## 26                http://www.dice.com/job/result/ndi/564851?src=19
## 27            http://www.dice.com/job/result/10334594/815961?src=19
## 28            http://www.dice.com/job/result/matrixga/117153?src=19
## 29    http://www.dice.com/job/result/90739239/Prashant_DataC?src=19
## 30    http://www.dice.com/job/result/90769273/Tgdatascientist?src=19
## 31            http://www.dice.com/job/result/ngitbot/16018044?src=19
## 32        http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 33          http://www.dice.com/job/result/10111370/MSSXDBINY?src=19
## 34      http://www.dice.com/job/result/cybercod/RN2-131934622?src=19
## 35        http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
## 36            http://www.dice.com/job/result/10422157/735765?src=19
## 37              http://www.dice.com/job/result/10125226/5531?src=19
## 38              http://www.dice.com/job/result/cxcsc/2188700?src=19
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## 42      http://www.dice.com/job/result/10111699/08201603SJVA?src=19
## 43              http://www.dice.com/job/result/10441189/25458?src=19
## 44        http://www.dice.com/job/result/90881180/IZJPC0002?src=19
## 45            http://www.dice.com/job/result/apexsan/731257?src=19
## 46             http://www.dice.com/job/result/10287522/580167?src=19
## 47            http://www.dice.com/job/result/xorca001/722545?src=19
## 48            http://www.dice.com/job/result/paracomp/MDMml?src=19
## 49            http://www.dice.com/job/result/RTL89093/4710971?src=19
## 50      http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
##                                                            jobTitle
## 1                                            Business/Systems Analyst
## 2                                              SOA Interface Developer
## 3                                                    Wireless Engineer
## 4                                                  Full Stack Developer
## 5                                                   Big Data Consultant
## 6              Data Modeler III - Business Intelligence Architect
## 7                                                     Security Analyst
## 8                                       Solutions Architect - E-commerce
## 9                          Research Engineer - Python, Machine Learning,
## 10                                               Senior Data Engineer
## 11              Technical Project Manager (REMOTE) APPLICATIONS
## 12                    Fullstack developer with big data Technologies
## 13                        Associate Director-Design and Development
## 14              Project Manager - eCommerce with Payment Processing
## 15                    Business Analyst--Healthcare--Long Beach CA
## 16                                                       WCS Architect
## 17                              SQL BI/ETL Developer - Canton, OH
## 18                                                  Senior Data Analyst
## 19       Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 20                                       Enterprise Architect - Manager
## 21                                        BUSINESS SYSTEMS CONSULTANT
## 22                                                 IT Operations manager
## 23 Software Engineer - Programming, Blockchain Technology, bitcoin
## 24                                            Security Systems Engineer
## 25                                       Infrastructure Program Manager
## 26                                                          Oracle DBA
## 27                                    Clinical Annotator- data mining
## 28                             Associate Technician-Baseline (Net)
## 29                                          Data Cap/FileNet Developer
## 30                                                        Data scientist
## 31                                          Engineer Aeronautical 2
## 32                                          Java / Big Data Developer
## 33              Developer Business Intelligence(**DIRECT CLIENT**)
## 34             Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 35    Test Data Engineer - Relaxed environment and awesome culture!
## 36                                          Regional Account Executive
## 37                                                   Business Analyst I
## 38                                                        .NET Developer
## 39                                          e-Business Process Lead
## 40             Manufacturing Process Engineer - Gear Manufacturing
## 41              Senior Project Manager - Data Center Migrations
```

```
## 42                                              Scala Developer
## 43                                          Developer III - ETL
## 44                                    .Net BigData Scala Developer
## 45                                                 Data Modeler
## 46                                          Solutions Architect
## 47                                             PMO Professional
## 48 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 49                                        Senior Data Engineer
## 50                          Data Scientist - JOIN A GROWING TEAM!
##                                       company           location
## 1                                         Volt    Jersey City, NJ
## 2                        Zieta Technologies LLC        Norfolk, VA
## 3                              Wizard Staff, Inc         Irvine, CA
## 4                          Randstad Technologies         Austin, TX
## 5                          Automation Image Inc.        Irving, TX
## 6                                    Fannie Mae     Washington, DC
## 7                                  Tentek, Inc.        Seattle, WA
## 8                                      TeamSoft        Madison, WI
## 9                                   CyberCoders     San Mateo, CA
## 10                                        Agile        Atlanta, GA
## 11                                     Advantage        Chicago, IL
## 12                            Neuro Systems Inc.      Sunnyvale, CA
## 13 The University of North Carolina at Chapel Hill    Chapel Hill, NC
## 14                                   Mice Groups     Pittsburgh, PA
## 15                        Sedna Consulting Group     Long Beach, CA
## 16                              Cybersearch, Ltd.        Austin, TX
## 17            TapRoot Recruiting Solutions, Inc.        Canton, OH
## 18                                       Infodym        Herndon, VA
## 19                                   CyberCoders  San Francisco, CA
## 20                Cognizant Technology Solutions       Hartford, CT
## 21                              Matrix Resources      Charlotte, NC
## 22                                     Uniqsoft  Woodcliff Lake, NJ
## 23                                   CyberCoders       Palo Alto, CA
## 24                                       Amazon        Boardman, OR
## 25 International Information Technology Team, Inc.        stamford, CT
## 26                                        eclaro        atlanta, GA
## 27                          Javen Technologies, Inc   Taylorsville, UT
## 28                              Matrix Resources  Fort Stockton, TX
## 29                    22nd Century Technologies, Inc.        Lansing,, MI
## 30                    Infogium Technologies, LLC       Charlotte, NC
## 31                              NORTHROP GRUMMAN      San Diego, CA
## 32                          Xoriant Corporation        Bristol, CT
## 33                          XCEL Solutions Corp.        NEW YORK, NY
## 34                                   CyberCoders        Nashua, NH
## 35                                   CyberCoders         Boise, ID
## 36                                    PeerSource        Chicago, IL
## 37                                     JDC Group
## 38                                           CSC       Isabela, PR
## 39            Systems Technology Group Inc. (STG)       Dearborn, MI
## 40                                   CyberCoders        Addison, IL
## 41                          David Kenneth Group      Annapolis, MD
## 42                                Synechron Inc.       Sterling, VA
## 43                          Fidelis Care New York      Rochester, NY
## 44                                          Zen3        Redmond, WA
```

```
## 45                              Apex Systems, Inc      Roseland, NJ
## 46                              HD Supply, Inc.       Atlanta, GA
## 47                            Xoriant Corporation   Alpharetta, GA
## 48                           Paragon Solutions Inc.   Cranford, NJ
## 49       AAA Northern California, Nevada & Utah   Emeryville, CA
## 50                                CyberCoders     Cambridge, MA
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## 4  2016-10-23
## 5  2016-10-20
## 6  2016-10-23
## 7  2016-09-30
## 8  2016-10-21
## 9  2016-10-23
## 10 2016-10-23
## 11 2016-10-23
## 12 2016-10-14
## 13 2016-10-17
## 14 2016-10-21
## 15 2016-10-23
## 16 2016-10-19
## 17 2016-10-23
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## 22 2016-10-21
## 23 2016-10-23
## 24 2016-10-19
## 25 2016-09-27
## 26 2016-09-26
## 27 2016-10-19
## 28 2016-10-23
## 29 2016-10-21
## 30 2016-09-26
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## 32 2016-10-21
## 33 2016-10-23
## 34 2016-10-23
## 35 2016-10-23
## 36 2016-10-20
## 37 2016-10-23
## 38 2016-10-23
## 39 2016-10-21
## 40 2016-10-23
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## 44 2016-10-21
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## 46 2016-10-11
## 47 2016-10-21
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## 48 2016-10-21
## 49 2016-09-25
## 50 2016-10-23

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##                                                              detailUrl
## 1     http://www.dice.com/job/result/90940991/BBA000012816835?src=19
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## 3        http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 4              http://www.dice.com/job/result/10122703/700501?src=19
## 5              http://www.dice.com/job/result/10429942/744918?src=19
## 6          http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 7              http://www.dice.com/job/result/cxjudgpa/502857?src=19
## 8         http://www.dice.com/job/result/90881180/IZJPC0002?src=19
## 9        http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
## 10            http://www.dice.com/job/result/10115700c/514071?src=19
## 11               http://www.dice.com/job/result/uhgbot/684188?src=19
## 12       http://www.dice.com/job/result/mitchmar1/MITCA000J592?src=19
## 13             http://www.dice.com/job/result/msyca001/740342?src=19
## 14           http://www.dice.com/job/result/chenj001/16-03944?src=19
## 15                 http://www.dice.com/job/result/icimii/MJ24?src=19
## 16         http://www.dice.com/job/result/appblok/1609_627861?src=19
## 17            http://www.dice.com/job/result/10115700c/514806?src=19
## 18    http://www.dice.com/job/result/booz/J3L7VV5W0TJB5V04CLZ?src=19
## 19     http://www.dice.com/job/result/10111370/SASX19093Solr?src=19
## 20         http://www.dice.com/job/result/appblok/1609_661881?src=19
## 21    http://www.dice.com/job/result/cybercod/BJ1-1283500117?src=19
## 22 http://www.dice.com/job/result/cxvolt/J3J3TB64GYK29DV4FDR?src=19
## 23             http://www.dice.com/job/result/10125183/735335?src=19
## 24       http://www.dice.com/job/result/chartpro/SE314_TWS_GA?src=19
## 25       http://www.dice.com/job/result/appblok/1609_661881_2?src=19
## 26    http://www.dice.com/job/result/cybercod/PA1-131255756?src=19
## 27             http://www.dice.com/job/result/entca005/742964?src=19
## 28            http://www.dice.com/job/result/comrise/19199-NJ?src=19
## 29             http://www.dice.com/job/result/10455752/432954?src=19
## 30             http://www.dice.com/job/result/cxjudgpa/508164?src=19
## 31             http://www.dice.com/job/result/sgainc/16-03440?src=19
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```
## 32                    http://www.dice.com/job/result/RTX15bf04/R1984?src=19
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## 35                      http://www.dice.com/job/result/coxga/1615183?src=19
## 36                    http://www.dice.com/job/result/10225460/663354?src=19
## 37                     http://www.dice.com/job/result/cxjudgpa/507835?src=19
## 38             http://www.dice.com/job/result/90958320/VS20161310?src=19
## 39      http://www.dice.com/job/result/cybercod/MO1-130805877?src=19
## 40                    http://www.dice.com/job/result/10108134/683686?src=19
## 41                        http://www.dice.com/job/result/humancap/4971?src=19
## 42   http://www.dice.com/job/result/90940991/BBA000013799749?src=19
## 43      http://www.dice.com/job/result/cybercod/JS8-131128861?src=19
## 44      http://www.dice.com/job/result/cybercod/JP5-132334010?src=19
## 45                     http://www.dice.com/job/result/10432313/49874?src=19
## 46                     http://www.dice.com/job/result/10118781/4794?src=19
## 47                    http://www.dice.com/job/result/10268846/676901?src=19
## 48                    http://www.dice.com/job/result/90934544/747419?src=19
## 49      http://www.dice.com/job/result/cybercod/ML2-131830130?src=19
## 50                        http://www.dice.com/job/result/10286792/2221?src=19
## 
## 1                                                              Java Developer
## 2                                                       Senior Data Engineer
## 3                       Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 4                                                       Sr. Haadoop Consultant
## 5   Network Admin with AWS(Apache Hadoop OOZIE,Chef,AWS),Rate-Open Negotiable, 1 yr, Hillsboro,OR
## 6                                                    Java / Big Data Developer
## 7                             Big Data Software Engineer / Data Architect III
## 8                                                  .Net BigData Scala Developer
## 9                                                              Data Scientist
## 10                                                          Software Engineer
## 11                                          Technology Graduate Programme, Dublin
## 12                                                             Data Scientist
## 13                                                Big Data Integration Engineer
## 14                                                          Solution Architect
## 15                                          Hadoop Architect or Lead with BI/ DW
## 16                    Big Data Solutions Architect (Hadoop / Mark logic) - Multiple Locations
## 17                             Data Engineer (Enterprise Integration): Minneapolis
## 18                                                            Big Data Engineer
## 19                    Sr. Java/Solr Developer (Apache SOLR  - ** DIRECT CLIENT **)
## 20                             IT Portfolio Architect - Multiple Locations
## 21                             Senior Platform Engineer - Hadoop, NoSQL, Spark/Scala
## 22             Hadoop Data Analyst (Spark R Machine Learning PERL MatLab SQL)
## 23                                             Senior/ Lead Big Data Developer
## 24                                                        Hadoop Admin - GA/TX
## 25                             IT Portfolio Architect - Multiple Locations
## 26                    Data Engineer - Data Modeling, Data Warehousing, SQL/NoSQL
## 27                             Data Scientist - Hadoop,hive,Scala,Machine Learning
## 28                                             Sr. Hadoop Developer (19199)
## 29                                                          Software Architect
## 30                                                      Applications Developer
## 31                                                       .Net/VB.Net Developer
## 32                                          Senior Big Data Developer - Hadoop
## 33                                          DevOps Engineer - Hadoop Ecosystem
## 34                                                          senior data analyst
```

96

```
## 35                                                       Senior Data Scientist
## 36                                                          Big Data Engineer
## 37                                              Sr. Software Engineer - DevOps
## 38          Systems Analyst Salesforce Admin Consultant -- Full-time -- IL / TX..
## 39            Senior Data Engineer - Healthcare and Life Science Analytics! -
## 40                                                  Principal Software Engineer
## 41                                                          Big Data Architect
## 42                                                          Business Associate
## 43                          Sr. Java Developer - Machine Learning Revolution
## 44             Big Data Platform Architect - Date Warehouse, Spark, Hadoop
## 45                  Hadoop Infrastructure Engineer - Foundational Services
## 46                                                        Java Hadoop Engineer
## 47                     Senior Software Engineer (Java full-stack Developer)
## 48                                                  Hadoop Admin with Security
## 49              Data Integration Engineer - Spark, Hado, AWS - Relo assistance!
## 50                                                          Software Developer
##                              company                  location        date
## 1     Bebee Affinity Social Network          Houston, TX 2016-10-23
## 2                            Agile          Atlanta, GA 2016-10-23
## 3                       CyberCoders    San Francisco, CA 2016-10-23
## 4        Reliable Software Resources  plymouth meeting, PA 2016-09-30
## 5                          Centizen         Hillsboro, OR 2016-10-21
## 6              Xoriant Corporation          Bristol, CT 2016-10-21
## 7                 The Judge Group     West Boston, MA 2016-10-23
## 8                             Zen3          Redmond, WA 2016-10-21
## 9                  Mitchell Martin   Long Island City, NY 2016-10-23
## 10          Randstad Technologies             Cary, NC 2016-10-23
## 11              UnitedHealth Group               Europe 2016-10-23
## 12                Mitchell Martin        Bethesda, MD 2016-10-23
## 13                      MSYS Inc.    San Francisco, CA 2016-10-23
## 14      Chenoa Information Services   Jersey City, NJ 2016-10-17
## 15      Zensar Technologies Inc.        San Jose, CA 2016-09-29
## 16              UnitedHealth Group     Eden Prairie, MN 2016-10-23
## 17          Randstad Technologies      Minneapolis, MN 2016-10-23
## 18            Booz Allen Hamilton        Arlington, VA 2016-10-23
## 19             XCEL Solutions Corp.  Lawrenceville, NJ 2016-10-23
## 20              UnitedHealth Group      Minneapolis, MN 2016-10-23
## 21                     CyberCoders       Menlo Park, CA 2016-10-23
## 22                            Volt        Davenport, CA 2016-10-23
## 23                      Sohum Inc.           Dallas, TX 2016-10-17
## 24            Charter Global, Inc.          Atlanta, GA 2016-10-20
## 25              UnitedHealth Group     Basking Ridge, NJ 2016-10-23
## 26                     CyberCoders      Lake Forest, IL 2016-10-23
## 27           Enterprise Solutions        Sunnyvale, CA 2016-10-19
## 28                         Comrise           Newark, NJ 2016-10-21
## 29                    Alldata LLC        Elk Grove, CA 2016-10-02
## 30                 The Judge Group        New York, NY 2016-10-23
## 31    Software Guidance & Assistance    Wilmington, DE 2016-10-23
## 32       American Family Insurance         Madison, WI 2016-10-23
## 33          Futures Group IT LLC.        New York, NY 2016-10-17
## 34                   A2C Consulting         englewood, CO 2016-10-23
## 35              Cox Enterprises South San Francisco, CA 2016-10-22
## 36                    JMD Partners        New York, NY 2016-10-14
## 37                 The Judge Group           Duluth, GA 2016-10-23
```

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## 38            Buckeye Global IT Inc      Richardson, TX 2016-10-21
## 39                   CyberCoders         New York, NY 2016-10-23
## 40           Overture Partners, LLC       Boston, MA 2016-10-21
## 41 Intelligent Capital Network, Inc.   Blue Bell, PA 2016-10-10
## 42     Bebee Affinity Social Network      Windsor, CT 2016-10-23
## 43                   CyberCoders          Seattle, WA 2016-10-23
## 44                   CyberCoders           Boston, MA 2016-10-23
## 45                Bloomberg L.P.         New York, NY 2016-10-23
## 46         Prime Team Partners, Inc      Bellevue, WA 2016-10-23
## 47                       VSolvit    Patuxent River, MD 2016-10-04
## 48             Genius Resources Inc        chicago, IL 2016-10-21
## 49                   CyberCoders          Orlando, FL 2016-10-23
## 50               VariQ Corporation      United States 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $lastDocument
## [1] 50
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## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Spark&city=&text=&ip=&diceid=
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##                                                    detailUrl
## 1          http://www.dice.com/job/result/10510763/738272?src=19
## 2          http://www.dice.com/job/result/10122703/700501?src=19
## 3        http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 4    http://www.dice.com/job/result/cybercod/BJ1-1283500117?src=19
## 5          http://www.dice.com/job/result/10125183/735335?src=19
## 6    http://www.dice.com/job/result/cybercod/PA1-131255756?src=19
## 7          http://www.dice.com/job/result/10455752/432954?src=19
## 8          http://www.dice.com/job/result/10330068/746013?src=19
## 9          http://www.dice.com/job/result/10225460/663354?src=19
## 10   http://www.dice.com/job/result/mategr/9501SPARKCONSUL?src=19
## 11   http://www.dice.com/job/result/cybercod/MO1-130805877?src=19
## 12         http://www.dice.com/job/result/10237020/718857?src=19
## 13         http://www.dice.com/job/result/10108134/683686?src=19
## 14 http://www.dice.com/job/result/10365912/devopscloudengi?src=19
## 15        http://www.dice.com/job/result/iconma/L3DAPython?src=19
## 16   http://www.dice.com/job/result/cybercod/JS8-131128861?src=19
## 17   http://www.dice.com/job/result/cybercod/JP5-132334010?src=19
## 18           http://www.dice.com/job/result/compun/743064?src=19
## 19   http://www.dice.com/job/result/cybercod/ML2-131830130?src=19
## 20    http://www.dice.com/job/result/cybercod/SM7-13242456?src=19
## 21    http://www.dice.com/job/result/cybercod/AW2-13244365?src=19
```

```
## 22            http://www.dice.com/job/result/entca005/726538?src=19
## 23             http://www.dice.com/job/result/10439682/743292?src=19
## 24               http://www.dice.com/job/result/corct001/T2658?src=19
## 25 http://www.dice.com/job/result/10230516/HadoopArchSanjo?src=19
## 26             http://www.dice.com/job/result/10110870/740381?src=19
## 27             http://www.dice.com/job/result/10529556/737510?src=19
## 28             http://www.dice.com/job/result/10384248/32053B?src=19
## 29            http://www.dice.com/job/result/RTL101813/673388?src=19
## 30           http://www.dice.com/job/result/10124549/NJ-HDA-PA?src=19
## 31               http://www.dice.com/job/result/10207105/DR123?src=19
## 32                http://www.dice.com/job/result/10117326/7880?src=19
## 33             http://www.dice.com/job/result/10225460/652484?src=19
## 34         http://www.dice.com/job/result/10114908/hadoop2507?src=19
## 35             http://www.dice.com/job/result/90939746/739827?src=19
## 36   http://www.dice.com/job/result/cybercod/LL2-127415634?src=19
## 37   http://www.dice.com/job/result/10207105/Bigdata-SPARK?src=19
## 38             http://www.dice.com/job/result/RTX168747/720361?src=19
## 39             http://www.dice.com/job/result/10115393/678813?src=19
## 40           http://www.dice.com/job/result/ceiam/TCJO037881?src=19
## 41                http://www.dice.com/job/result/usts/112764?src=19
## 42               http://www.dice.com/job/result/humancap/5005?src=19
## 43             http://www.dice.com/job/result/10108900/661434?src=19
## 44     http://www.dice.com/job/result/cybercod/AB2-13248684?src=19
## 45   http://www.dice.com/job/result/10208346/3096_Python_FL?src=19
## 46             http://www.dice.com/job/result/10443786/727608?src=19
## 47             http://www.dice.com/job/result/90956966/742242?src=19
## 48             http://www.dice.com/job/result/10451021/BD0928?src=19
## 49             http://www.dice.com/job/result/10221266/600780?src=19
## 50         http://www.dice.com/job/result/10106782/514_MNBIG?src=19
##                                                              jobTitle
## 1                                       Big Data Engineer ( Mid Level)
## 2                                            Sr. Haadoop Consultant
## 3                                          Java / Big Data Developer
## 4              Senior Platform Engineer - Hadoop, NoSQL, Spark/Scala
## 5                                     Senior/ Lead Big Data Developer
## 6           Data Engineer - Data Modeling, Data Warehousing, SQL/NoSQL
## 7                                                Software Architect
## 8                                                Big data Architect
## 9                                                 Big Data Engineer
## 10                                            Sr. Spark Consultant
## 11    Senior Data Engineer - Healthcare and Life Science Analytics! -
## 12                                                  Devops Engineer
## 13                                     Principal Software Engineer
## 14           Seeking a DevOps/CloudOps Engineer in Mountain View, CA
## 15   Level 3 Data Information Analyst (Big Data / Python) - Richmond, VA
## 16                  Sr. Java Developer - Machine Learning Revolution
## 17          Big Data Platform Architect - Date Warehouse, Spark, Hadoop
## 18 Need : Deep Learning Specialist, Santa Clara or Sunnyvale CA (ONLY LO
## 19        Data Integration Engineer - Spark, Hado, AWS - Relo assistance!
## 20                    Senior Data Scientist - Big Data/Software Hybrid!!
## 21                          Senior Data Engineer- Java, Python, Scala
## 22                                       Bigdata Java Architect-Spark
## 23                              API (JavaScript) Developer_Omaha, NE
## 24                                        Big Data Integration Lead
```

```
## 25                                                Hadoop Architect (dw/etl)
## 26                                                 BIG DATA ADMNISTRATOR
## 27                                                    Talend/Big Data
## 28                              Senior Cognitive Software Engineer
## 29                                                       Data Architect
## 30                                                    Hadoop Architect
## 31                                                    BIG DATA ENGINEER
## 32                                              Hadoop Architect/Admin
## 33                            Senior Server Side Java Software Engineer
## 34                              System Administrator II/Hadoop Admin
## 35                                                        Hadoop Admin
## 36                     Spark Developer Needed for Hot West LA Ad Tech Co!
## 37                          Big Data Developer w/ Cloudera certification
## 38                                                   Network Developer
## 39                                                        Hadoop Admin
## 40                     Cloud Engineer - Linux, Python, Spark, Agile, Cloud, AWS
## 41           Sr. Software Engineer - Workload Scheduling & Resource Management
## 42                                                 Sr. Big Data Engineer
## 43                       Client Technology  Big Data Development Lead
## 44                        C++ Programmer - CUDA / Equity / flexible hours
## 45                                                     Python  Developer
## 46                                                 Senior Data Engineer
## 47                          Scala, Spark, Datawarehouse Big data Expert
## 48                                                    Big Data Engineer
## 49                                     Java/Hadoop Application Developer
## 50                                                 Big Data Lead/Developer
##                                      company            location        date
## 1              Meridianservices LLC.    Mountain view, CA 2016-10-19
## 2         Reliable Software Resources plymouth meeting, PA 2016-09-30
## 3                Xoriant Corporation         Bristol, CT 2016-10-21
## 4                        CyberCoders      Menlo Park, CA 2016-10-23
## 5                        Sohum Inc.          Dallas, TX 2016-10-17
## 6                        CyberCoders     Lake Forest, IL 2016-10-23
## 7                       Alldata LLC       Elk Grove, CA 2016-10-02
## 8            Maintec Technologies Inc        Summit, NJ 2016-10-20
## 9                       JMD Partners       New York, NY 2016-10-14
## 10            Matrix Technology Group        SAN JOSE, CA 2016-10-21
## 11                       CyberCoders       New York, NY 2016-10-23
## 12                           Abjayon   Mountain View, CA 2016-10-20
## 13             Overture Partners, LLC         Boston, MA 2016-10-21
## 14              OSI Engineering, Inc.   mountain view, CA 2016-10-21
## 15                            ICONMA        Richmond, VA 2016-10-13
## 16                       CyberCoders        Seattle, WA 2016-10-23
## 17                       CyberCoders         Boston, MA 2016-10-23
## 18       Compunnel Software Group Inc.    Santa Clara, CA 2016-10-19
## 19                       CyberCoders         Orlando, FL 2016-10-23
## 20                       CyberCoders       New York, NY 2016-10-23
## 21                       CyberCoders       Palo Alto, CA 2016-10-23
## 22               Enterprise Solutions         EDISON, NJ 2016-10-18
## 23           Canopy One Solutions Inc          omaha, NE 2016-10-19
## 24           Corporate Systems Associates      Hartford, CT 2016-10-21
## 25                MatchPoint Solutions        San Jose, CA 2016-10-21
## 26 Johnson Technology Systems Inc (JTSI)       Radford, VA 2016-10-18
## 27                    XcellFORCE LLC       Pleasanton, CA 2016-10-20
```

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## 28              Merge Healthcare, an IBM Company        Cambridge, MA 2016-09-28
## 29                              Base36, Inc        Falls Church, VA 2016-10-14
## 30                        Atlantic Partners         Pittsburgh, PA 2016-10-21
## 31                         Mindtree Limited          SCOTTSDALE, AZ 2016-10-21
## 32                      Kaizen Technologies         Wilmington, DE 2016-10-21
## 33                             JMD Partners           New York, NY 2016-10-14
## 34                                Mindlance          Charlotte, NC 2016-10-19
## 35                            Matlen Silver          Charlotte, NC 2016-10-21
## 36                             CyberCoders        Los Angeles, CA 2016-10-23
## 37                         Mindtree Limited         Scottsdale, AZ 2016-10-12
## 38                          Soar Technology          Ann Arbor, MI 2016-10-20
## 39                                   Virtusa         Wilmington, DE 2016-09-23
## 40                Computer Enterprises, Inc.       Philadelphia, PA 2016-10-21
## 41                 U.S. Tech Solutions Inc.        Santa Clara, CA 2016-10-20
## 42          Intelligent Capital Network, Inc.        New York, NY 2016-10-13
## 43                             Evantage LLC        Jersey city, NJ 2016-10-23
## 44                             CyberCoders         Pittsburgh, PA 2016-10-23
## 45                                 Collabera      Temple Terrace, FL 2016-10-19
## 46                              FusionForte      Mountain View, CA 2016-10-17
## 47                                MLWiz Inc        East Hanover, NJ 2016-10-23
## 48                            Technomax LLC             McLean, VA 2016-10-07
## 49                 Anagh Technologies Inc.        Jersey City, NJ 2016-10-20
## 50                     USM Business Systems         Minnetonka, MN 2016-10-20

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $lastDocument
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## 3 http://www.dice.com/job/result/cybercod/RG2-13246505?src=19
## 4         http://www.dice.com/job/result/iconma/728506?src=19
## 5      http://www.dice.com/job/result/ceiam/TCJ0037857?src=19
## 6      http://www.dice.com/job/result/RTX168747/720355?src=19
## 7        http://www.dice.com/job/result/RTX161252/4441?src=19
##                                                              jobTitle
## 1                                                    Network Developer
## 2                                            Senior Principal Engineer
## 3                          Senior Distributed Systems Engineer - Remote
## 4                                    Spark/AWS/Java Full Stack Developer
## 5 Hadoop Developer - Java, Big Data, Hadoop, Kafka, Scala, Spark, Streaming
## 6                                              Cyber Security Architect
```

```
## 7                                                     Hadoop Developer
##                     company          location        date
## 1          Soar Technology     Ann Arbor, MI 2016-10-20
## 2              TRIAD Group        Seattle, WA 2016-10-19
## 3              CyberCoders     Arlington, VA 2016-10-23
## 4                   ICONMA   Creve Coeur, MO 2016-10-21
## 5 Computer Enterprises, Inc.  Philadelphia, PA 2016-10-13
## 6          Soar Technology     Ann Arbor, MI 2016-10-20
## 7                    AKVARR Basking Ridge, NJ 2016-10-14

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $lastDocument
## [1] 50
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##
## $resultItemList
##                                                          detailUrl
## 1              http://www.dice.com/job/result/10430885/704891?src=19
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## 4           http://www.dice.com/job/result/RTX10a021/4741205?src=19
## 5           http://www.dice.com/job/result/10115700c/514062?src=19
## 6            http://www.dice.com/job/result/10113218/14228?src=19
## 7            http://www.dice.com/job/result/10444819/TO537?src=19
## 8            http://www.dice.com/job/result/ccetx001/744146?src=19
## 9    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 10               http://www.dice.com/job/result/tgsnj/122149?src=19
## 11           http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 12           http://www.dice.com/job/result/10115700c/511704?src=19
## 13    http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 14      http://www.dice.com/job/result/appblok/2537_oDDO3fwR?src=19
## 15      http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 16    http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 17           http://www.dice.com/job/result/RTX197508/635374?src=19
## 18           http://www.dice.com/job/result/10360631/736240?src=19
## 19      http://www.dice.com/job/result/cybercod/BW4-13240327?src=19
## 20           http://www.dice.com/job/result/solpart/AK-ASRD?src=19
## 21            http://www.dice.com/job/result/apexsan/701488?src=19
## 22         http://www.dice.com/job/result/RTL484689/1600552?src=19
## 23            http://www.dice.com/job/result/10105838/13574?src=19
## 24    http://www.dice.com/job/result/cybercod/DA3-131800525?src=19
## 25           http://www.dice.com/job/result/10472966/743083?src=19
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## 30                    http://www.dice.com/job/result/iconma/ENG23473?src=19
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## 34                    http://www.dice.com/job/result/10516063/632028?src=19
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## 38                 http://www.dice.com/job/result/veredus/1066165-743?src=19
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## 45             http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
## 46                  http://www.dice.com/job/result/10452799/51214-GA?src=19
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## 49                        http://www.dice.com/job/result/ndi/564851?src=19
## 50   http://www.dice.com/job/result/rhalfint/04310-9500196638?src=19
##                                                              jobTitle
## 1                                                             SQL DBA
## 2                                             Business/Systems Analyst
## 3                                                   Wireless Engineer
## 4                          Application Development System Administrator
## 5                                                Full Stack Developer
## 6                                                 IT Business Analyst
## 7                    Software Development Engineer - Visual Studio/C#
## 8                                                  Big Data Consultant
## 9                    Data Modeler III - Business Intelligence Architect
## 10                                              IT Software Developer IV
## 11                                                    Security Analyst
## 12                                        Senior Application Developer
## 13                                        Solutions Architect - E-commerce
## 14                                                    Reporting Analyst
## 15                        Research Engineer - Python, Machine Learning,
## 16                                                Senior Data Engineer
## 17                                             Business Systems Analyst
## 18                        Fullstack developer with big data Technologies
## 19                        .NET Software Developer - Asp.Net, C# and SQL
## 20                                            SSRS Reports Developer Mid
## 21                                                        Data Analyst
## 22                                                Computer Engineer Job
## 23                                                      Java Developer
## 24                                        Business Intelligence Engineer
## 25                                    Business Objects Architect / Lead role
## 26                                            Oracle Database Developer
## 27                        Business Analyst--Healthcare--Long Beach CA
## 28                                                Jr. SQL Server DBA
```

```
## 29                                          SQL Developer- eDiscovery
## 30                          Production/Application Support Engineer
## 31                                                     WCS Architect
## 32                                                 Software Engineer
## 33                                                 TeraData Developer
## 34                            SQL BI/ETL Developer - Canton, OH
## 35                 Oracle PL/SQL Developer----only local to CO
## 36                                        Senior Developer/Architect
## 37                                                 Support Engineer 3
## 38                                             Java PL/SQL Developer
## 39                                             Senior Data Analyst
## 40     Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 41                                     Enterprise Architect - Manager
## 42                                             SSIS ETL Developer
## 43                                     BUSINESS SYSTEMS CONSULTANT
## 44                                             IT Operations manager
## 45 Software Engineer - Programming, Blockchain Technology, bitcoin
## 46                                        Oracle DBA (Local Only)
## 47                                        Security Systems Engineer
## 48                          Campaign Database Business Analyst
## 49                                                     Oracle DBA
## 50                                     Application Support Analyst
##                              company           location        date
## 1              TekStream Solutions, LLC     Calverton, MD 2016-10-13
## 2                                 Volt   Jersey City, NJ 2016-10-23
## 3                     Wizard Staff, Inc        Irvine, CA 2016-10-17
## 4                         Acumen, LLC     Burlingame, CA 2016-10-18
## 5                Randstad Technologies        Austin, TX 2016-10-23
## 6            CorSource Technology Group     VANCOUVER, WA 2016-10-21
## 7                          Davinci Tek    Murray Hill, NJ 2016-10-11
## 8               Automation Image Inc.        Irving, TX 2016-10-20
## 9                          Fannie Mae    Washington, DC 2016-10-23
## 10          Tekmark Global Solutions LLC   New Albany, OH 2016-10-18
## 11                        Tentek, Inc.       Seattle, WA 2016-09-30
## 12               Randstad Technologies                OH 2016-10-23
## 13                            TeamSoft       Madison, WI 2016-10-21
## 14                 Marine Credit Union     La Crosse, WI 2016-10-23
## 15                          CyberCoders     San Mateo, CA 2016-10-23
## 16                               Agile       Atlanta, GA 2016-10-23
## 17                          BillingTree       Phoenix, AZ 2016-10-19
## 18                   Neuro Systems Inc.     Sunnyvale, CA 2016-10-14
## 19                          CyberCoders      San Jose, CA 2016-10-23
## 20             Solution Partners, Inc.      Glenview, IL 2016-10-20
## 21                     Apex Systems, Inc      Richmond, VA 2016-10-04
## 22                               Itron    West Union, SC 2016-10-23
## 23             Rita Technology Services  St. Petersburg, FL 2016-10-21
## 24                          CyberCoders   Redwood City, CA 2016-10-23
## 25             Conquest IT Consulting      Providence, RI 2016-10-20
## 26     OPTiMO Information Technology LLC       Manassas, VA 2016-10-06
## 27             Sedna Consulting Group     Long Beach, CA 2016-10-23
## 28 Systems Technology Group Inc. (STG)      Dearborn, MI 2016-10-16
## 29                               s.com       Stamford, CT 2016-10-21
## 30                              ICONMA       O Fallon, MO 2016-10-13
## 31                     Cybersearch, Ltd.        Austin, TX 2016-10-19
```

```
## 32              Robert Half Technology         Houston, TX 2016-10-23
## 33             Infinity Tech Group Inc         San Jose, CA 2016-10-12
## 34   TapRoot Recruiting Solutions, Inc.          Canton, OH 2016-10-23
## 35               Cignus Solutions LLC           Denver, CO 2016-10-20
## 36                    Citizant, Inc.        Washington, DC 2016-10-23
## 37                        UnifyCloud           Redmond, WA 2016-10-22
## 38                           Veredus         Evanston, IL 2016-10-23
## 39                           Infodym          Herndon, VA 2016-10-06
## 40                       CyberCoders    San Francisco, CA 2016-10-23
## 41      Cognizant Technology Solutions        Hartford, CT 2016-10-23
## 42                   The Judge Group Saint Petersburg, FL 2016-10-23
## 43                   Matrix Resources       Charlotte, NC 2016-10-23
## 44                          Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 45                       CyberCoders        Palo Alto, CA 2016-10-23
## 46      Paramount Software Solutions, Inc       Atlanta, GA 2016-10-12
## 47                            Amazon        Boardman, OR 2016-10-19
## 48                       Kforce Inc.         Detroit, MI 2016-10-22
## 49                            eclaro         atlanta, GA 2016-09-26
## 50              Robert Half Technology     Chesapeake, VA 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
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## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Unstructured+Data+%283-5+top-
##
## $resultItemList
##                                                        detailUrl
## 1   http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2                http://www.dice.com/job/result/90941044/2401?src=19
## 3           http://www.dice.com/job/result/RTX10a021/4741205?src=19
## 4            http://www.dice.com/job/result/10115700c/514062?src=19
## 5    http://www.dice.com/job/result/90940991/BBA000012816835?src=19
## 6             http://www.dice.com/job/result/ccetx001/744146?src=19
## 7    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 8            http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 9     http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 10     http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 11    http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
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## 14           http://www.dice.com/job/result/10109301/741893?src=19
## 15     http://www.dice.com/job/result/cybercod/DA3-131800525?src=19
```

```
## 16               http://www.dice.com/job/result/10175336/747098?src=19
## 17                http://www.dice.com/job/result/cybersea/5599?src=19
## 18               http://www.dice.com/job/result/10516063/632028?src=19
## 19             http://www.dice.com/job/result/RTX1ba594/4727297?src=19
## 20          http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 21              http://www.dice.com/job/result/aces/00020175051?src=19
## 22                http://www.dice.com/job/result/matrixga/113029?src=19
## 23               http://www.dice.com/job/result/10412228/675018?src=19
## 24        http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
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## 26                  http://www.dice.com/job/result/ndi/564851?src=19
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## 35         http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
## 36               http://www.dice.com/job/result/10422157/735765?src=19
## 37                 http://www.dice.com/job/result/10125226/5531?src=19
## 38              http://www.dice.com/job/result/cxjudgpa/502857?src=19
## 39                http://www.dice.com/job/result/cxcsc/2188700?src=19
## 40               http://www.dice.com/job/result/10457740/483409?src=19
## 41                http://www.dice.com/job/result/10441189/25458?src=19
## 42         http://www.dice.com/job/result/90881180/IZJPC0002?src=19
## 43               http://www.dice.com/job/result/apexsan/731257?src=19
## 44               http://www.dice.com/job/result/10287522/580167?src=19
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## 46        http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
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## 49              http://www.dice.com/job/result/cxjudgpa/508966?src=19
## 50               http://www.dice.com/job/result/gatpa001/131419?src=19
##                                                              jobTitle
## 1                                            Business/Systems Analyst
## 2                                                   Wireless Engineer
## 3                            Application Development System Administrator
## 4                                                  Full Stack Developer
## 5                                                       Java Developer
## 6                                                  Big Data Consultant
## 7                    Data Modeler III - Business Intelligence Architect
## 8                                                     Security Analyst
## 9                                        Solutions Architect - E-commerce
## 10                     Research Engineer - Python, Machine Learning,
## 11                                                Senior Data Engineer
## 12                        Fullstack developer with big data Technologies
## 13                             Operation Developer - Software Engineer
## 14                                                 Full Stack Developer
## 15                                       Business Intelligence Engineer
## 16                        Business Analyst--Healthcare--Long Beach CA
## 17                                                       WCS Architect
## 18                               SQL BI/ETL Developer - Canton, OH
```

106

```
## 19                                                Senior Data Analyst
## 20            Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 21                                       Enterprise Architect - Manager
## 22                                          BUSINESS SYSTEMS CONSULTANT
## 23                                                 IT Operations manager
## 24 Software Engineer - Programming, Blockchain Technology, bitcoin
## 25                                            Security Systems Engineer
## 26                                                            Oracle DBA
## 27                                          Clinical Annotator- data mining
## 28                                     Associate Technician-Baseline (Net)
## 29                                             Data Cap/FileNet Developer
## 30                                                        Data scientist
## 31                                                Engineer Aeronautical 2
## 32                                             Java / Big Data Developer
## 33                       Developer Business Intelligence(**DIRECT CLIENT**)
## 34               Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 35    Test Data Engineer - Relaxed environment and awesome culture!
## 36                                            Regional Account Executive
## 37                                                     Business Analyst I
## 38                     Big Data Software Engineer / Data Architect III
## 39                                                         .NET Developer
## 40                    Senior Project Manager - Data Center Migrations
## 41                                                    Developer III - ETL
## 42                                       .Net BigData Scala Developer
## 43                                                        Data Modeler
## 44                                                  Solutions Architect
## 45 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 46                                Data Scientist - JOIN A GROWING TEAM!
## 47                                                     Category Manager
## 48                                                        Data Scientist
## 49                                                Manager, Data Engineering
## 50                                    Netezza Data Warehouse Senior DBA
##                                    company             location        date
## 1                                     Volt      Jersey City, NJ 2016-10-23
## 2                          Wizard Staff, Inc         Irvine, CA 2016-10-17
## 3                              Acumen, LLC      Burlingame, CA 2016-10-18
## 4                     Randstad Technologies         Austin, TX 2016-10-23
## 5              Bebee Affinity Social Network        Houston, TX 2016-10-23
## 6                     Automation Image Inc.         Irving, TX 2016-10-20
## 7                                Fannie Mae     Washington, DC 2016-10-23
## 8                              Tentek, Inc.         Seattle, WA 2016-09-30
## 9                                  TeamSoft         Madison, WI 2016-10-21
## 10                              CyberCoders       San Mateo, CA 2016-10-23
## 11                                    Agile         Atlanta, GA 2016-10-23
## 12                       Neuro Systems Inc.       Sunnyvale, CA 2016-10-14
## 13                                ITBMS Inc.        Detroit, MI 2016-10-21
## 14                  Techgene Solutions LLC        Houston, TX 2016-10-19
## 15                              CyberCoders    Redwood City, CA 2016-10-23
## 16                   Sedna Consulting Group     Long Beach, CA 2016-10-23
## 17                          Cybersearch, Ltd.        Austin, TX 2016-10-19
## 18 TapRoot Recruiting Solutions, Inc.          Canton, OH 2016-10-23
## 19                                  Infodym         Herndon, VA 2016-10-06
## 20                              CyberCoders    San Francisco, CA 2016-10-23
## 21           Cognizant Technology Solutions       Hartford, CT 2016-10-23
```

```
## 22                     Matrix Resources        Charlotte, NC 2016-10-23
## 23                          Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 24                       CyberCoders        Palo Alto, CA 2016-10-23
## 25                            Amazon        Boardman, OR 2016-10-19
## 26                            eclaro         atlanta, GA 2016-09-26
## 27            Javen Technologies, Inc   Taylorsville, UT 2016-10-19
## 28                   Matrix Resources   Fort Stockton, TX 2016-10-23
## 29       22nd Century Technologies, Inc.       Lansing,, MI 2016-10-21
## 30       Infogium Technologies, LLC        Charlotte, NC 2016-09-26
## 31                  NORTHROP GRUMMAN        San Diego, CA 2016-10-22
## 32                Xoriant Corporation         Bristol, CT 2016-10-21
## 33                XCEL Solutions Corp.        NEW YORK, NY 2016-10-23
## 34                       CyberCoders          Nashua, NH 2016-10-23
## 35                       CyberCoders           Boise, ID 2016-10-23
## 36                        PeerSource         Chicago, IL 2016-10-20
## 37                         JDC Group                     2016-10-23
## 38                   The Judge Group     West Boston, MA 2016-10-23
## 39                               CSC         Isabela, PR 2016-10-23
## 40               David Kenneth Group       Annapolis, MD 2016-10-18
## 41              Fidelis Care New York       Rochester, NY 2016-10-23
## 42                              Zen3         Redmond, WA 2016-10-21
## 43                  Apex Systems, Inc        Roseland, NJ 2016-10-11
## 44                    HD Supply, Inc.         Atlanta, GA 2016-10-11
## 45             Paragon Solutions Inc.        Cranford, NJ 2016-10-21
## 46                       CyberCoders       Cambridge, MA 2016-10-23
## 47                The Creative Group    Saddle River, NJ 2016-10-23
## 48                   Mitchell Martin Long Island City, NY 2016-10-23
## 49                   The Judge Group      Burlington, MA 2016-10-23
## 50                            Mastech Saint Petersburg, FL 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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##                                                          detailUrl
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## 2        http://www.dice.com/job/result/infotp/BBBH96749-526?src=19
## 3          http://www.dice.com/job/result/aces/00020175051?src=19
## 4               http://www.dice.com/job/result/itowt/677006?src=19
## 5          http://www.dice.com/job/result/10285444/6534852?src=19
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## 6      http://www.dice.com/job/result/micca003/JO#AA5011SSENum?src=19
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## 8          http://www.dice.com/job/result/10230239/2016-07-08?src=19
## 9               http://www.dice.com/job/result/10114418/23823?src=19
## 10              http://www.dice.com/job/result/10118962/MLTEP?src=19
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## 16           http://www.dice.com/job/result/10367275/8270832?src=19
## 17            http://www.dice.com/job/result/10295162/716049?src=19
## 18            http://www.dice.com/job/result/10122753/94851?src=19
## 19          http://www.dice.com/job/result/infotny/16-12809CA?src=19
## 20             http://www.dice.com/job/result/fastoh/KM35289?src=19
## 21            http://www.dice.com/job/result/70000126/248283?src=19
## 22           http://www.dice.com/job/result/10198261a/669578?src=19
## 23   http://www.dice.com/job/result/RTL152550/1005312266570?src=19
## 24         http://www.dice.com/job/result/10124549/BL-SUA-NJ?src=19
## 25          http://www.dice.com/job/result/10486981/10122016?src=19
## 26          http://www.dice.com/job/result/10231701/CVSIT1289?src=19
## 27    http://www.dice.com/job/result/cybercod/EN1-132044123?src=19
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## 34 http://www.dice.com/job/result/rhalfint/04810-9500208213?src=19
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## 36               http://www.dice.com/job/result/uhgbot/673247?src=19
## 37    http://www.dice.com/job/result/informca/INFOA00572232?src=19
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## 45            http://www.dice.com/job/result/10110693/728699?src=19
## 46            http://www.dice.com/job/result/10122753/95055?src=19
## 47     http://www.dice.com/job/result/10122556/SFDC-SOAP_OH?src=19
## 48            http://www.dice.com/job/result/10480767/742408?src=19
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## 50    http://www.dice.com/job/result/cybercod/LJ1-128673628?src=19
##                                                                jobTitle
## 1              Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 2                                                       Knowledge Manager
## 3                                             Enterprise Architect - Manager
## 4                                             Infrastructure Program Manager
## 5           Weblogic Consultant With Java Background Exp. at West Chester, PA
## 6                                Senior Software Engineer, Numerical Simulations
## 7                        Functional Test Lead - Franklin, WI - 6 Months+ -L
## 8 RPG Synon developer with RPG Developer - Must Have Current Synon Project Expert
```

```
## 9                                    Business Intelligence Specialist II
## 10           Tooling  Engineer  Plastics and Injection Molding
## 11                              Service Desk/Knowledge Base Analyst
## 12                                     Logisics Functional Architect
## 13                                            Epic Systems Analyst
## 14                                                DevOps Engineer
## 15                                     Technical Support Spec III
## 16                                    Business Development Analyst
## 17                                    Oracle Application Developer
## 18                                                   C# Developer
## 19                                    Associate Portfolio Manager
## 20                                       Network Cabling Engineer
## 21                              TECHNOLOGY APPLICATION SUPPORT
## 22                                   Director Solutions Consultant
## 23                                    Linux System Administrator
## 24                            Senior UNIX/Linux Administrator-RTH
## 25                                    Senior BI Business Analyst
## 26                                                 WebLogic Admin
## 27           IVR Developer - Knowledge of Telecom services and processes, Sol
## 28                        Consultant - RPG Developer with some Java
## 29                        Oracle Service Supply Chain  BI Analyst
## 30                                                 SSIS Developer
## 31                                        C++ Software Engineer
## 32                        quant dev with vba and C++ and fixed income
## 33                                              Cognos - Tableau
## 34                                       Lead Storage Engineer
## 35                              Senior Recruiter / Recruiting Lead
## 36                        Senior Help Desk Supervisor - Plymouth, MN
## 37                              Sr. Consultant, Cloud Real Time
## 38                                              Systems Engineer
## 39                                                 Data Scientist
## 40                        Senior Information Security Data Analyst
## 41                                                 SCM Specialist
## 42                              Sr. Application Support Specialist
## 43                              Sales Operations Project Manager
## 44                        Manager, Enterprise Document Management
## 45                        ITIL Asset/Inventory Management Analyst
## 46                                          Helpdesk Coordinator
## 47           Salesforce Integration Consultant with SOAP exp
## 48                                              Oracle Finance QA
## 49                                                 RPG Programmer
## 50                                       HVAC Mechanical Designer
##                                          company           location
## 1                        Enterprise Business Solutions Inc  Falls Church, VA
## 2                                     Solomon Page Group   White Plains, NY
## 3                            Cognizant Technology Solutions      Hartford, CT
## 4   International Information Technology Team, Inc.       stamford, CT
## 5                                          Damco Group  West Chester, PA
## 6                                          Mice Groups       Campbell, CA
## 7                                     ASCII Group LLC       Franklin, WI
## 8                                  Galax-Esystems Corp    Richardson, TX
## 9                        The Methodist Hospital System        Houston, TX
## 10                                              TxMQ       Falconer, NY
## 11                                   TEKsystems, Inc.      New York, NY
```

110

```
## 12                             Perint Sarimba, Inc.        San Jose, CA
## 13                                          Ciber        Rochester, MN
## 14                                     CyberCoders     Richardson, TX
## 15    The Guardian Life Insurance Company Of America     Bethlehem, PA
## 16                              Emkayel Consulting       Arlington, VA
## 17                          System One Holdings LLC      Cranberry, PA
## 18                                          Ciber        Nashville, TN
## 19                                 DIVERSANT, LLC.        New York, NY
## 20                                Fast Switch, Ltd.       Waukegan, IL
## 21                             Federal Reserve Bank        Chicago, IL
## 22                                Astute Solutions       Columbus, OH
## 23                                   Ledgent Tech          Encino, CA
## 24                               Atlantic Partners       Roseland, NJ
## 25                               RedLine Associates       Pasadena, CA
## 26                          Vejars Technologies, Inc.    Woonsocket, RI
## 27                                     CyberCoders        Richmond, VA
## 28                                   Tech Locators       Santa Ana, CA
## 29                             Forsos Incorporated        San Jose, CA
## 30                       Reliable Software Resources        Dayton, OH
## 31                                          eHire          Austin, TX
## 32                                 The Astor Group        New York, NY
## 33            Cognizant Technology Solutions New Brunswick, NJ
## 34                          Robert Half Technology       Las Vegas, NV
## 35            International Programming & Systems       San Mateo, CA
## 36                             UnitedHealth Group        Plymouth, MN
## 37                                     Informatica         Boston, MA
## 38            HALLMARK GLOBAL TECHNOLOGIES INC             Dallas, TX
## 39                        Encore Software Services        Oakland, CA
## 40                            Federal Reserve Bank        Chicago, IL
## 41                                       QCT, LLC         Bellevue, WA
## 42                            Empower Professionals    Lake Forest, IL
## 43                             Amarx Search, Inc. San Francisco, CA
## 44                           Fidelis Care New York       Rochester, NY
## 45            Digital Intelligence Systems, LLC             Plano, TX
## 46                                          Ciber    Indianapolis, IN
## 47                       JAUST Consulting Partners        Columbus, OH
## 48                           Terminal Contacts LLC    Marlborough, MA
## 49                                M2 Resources Inc       Voorhees, NJ
## 50                                     CyberCoders        Oakland, CA
##          date
## 1  2016-10-07
## 2  2016-10-23
## 3  2016-10-23
## 4  2016-09-27
## 5  2016-10-21
## 6  2016-10-21
## 7  2016-10-21
## 8  2016-10-23
## 9  2016-09-29
## 10 2016-10-18
## 11 2016-10-23
## 12 2016-10-13
## 13 2016-10-23
## 14 2016-10-23
```

```
## 15 2016-10-23
## 16 2016-10-13
## 17 2016-10-21
## 18 2016-10-23
## 19 2016-10-20
## 20 2016-10-20
## 21 2016-10-23
## 22 2016-10-20
## 23 2016-10-23
## 24 2016-10-21
## 25 2016-10-23
## 26 2016-10-21
## 27 2016-10-23
## 28 2016-10-20
## 29 2016-10-21
## 30 2016-10-17
## 31 2016-10-20
## 32 2016-10-21
## 33 2016-10-23
## 34 2016-10-23
## 35 2016-10-23
## 36 2016-10-23
## 37 2016-10-23
## 38 2016-10-04
## 39 2016-10-21
## 40 2016-10-23
## 41 2016-10-18
## 42 2016-10-17
## 43 2016-10-14
## 44 2016-10-23
## 45 2016-10-12
## 46 2016-10-23
## 47 2016-10-18
## 48 2016-10-19
## 49 2016-10-21
## 50 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## \API_COUNT.csv", : appending column names to file

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## $firstDocument
## [1] 1
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## [1] 50
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## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Open+Source+data+science+tool
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```

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## 1                    http://www.dice.com/job/result/10191472/PANRECT?src=19
## 2   http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 3                       http://www.dice.com/job/result/90941044/2401?src=19
## 4                    http://www.dice.com/job/result/ngitbot/16012143?src=19
## 5                   http://www.dice.com/job/result/10115700c/514062?src=19
## 6                    http://www.dice.com/job/result/ccetx001/744146?src=19
## 7     http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 8                   http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 9      http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 10       http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 11    http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 12               http://www.dice.com/job/result/10360631/736240?src=19
## 13          http://www.dice.com/job/result/RTX1ba4fb/4725444?src=19
## 14               http://www.dice.com/job/result/10175336/747098?src=19
## 15                http://www.dice.com/job/result/cybersea/5599?src=19
## 16               http://www.dice.com/job/result/10516063/632028?src=19
## 17          http://www.dice.com/job/result/RTX1ba594/4727297?src=19
## 18        http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 19          http://www.dice.com/job/result/aces/00020175051?src=19
## 20          http://www.dice.com/job/result/matrixga/113029?src=19
## 21               http://www.dice.com/job/result/10412228/675018?src=19
## 22    http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
## 23               http://www.dice.com/job/result/amazon20/383051?src=19
## 24                  http://www.dice.com/job/result/itowt/677006?src=19
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## 27           http://www.dice.com/job/result/10334594/815961?src=19
## 28                http://www.dice.com/job/result/trasys/741738?src=19
## 29           http://www.dice.com/job/result/matrixga/117153?src=19
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## 45                http://www.dice.com/job/result/apexsan/731257?src=19
## 46               http://www.dice.com/job/result/10287522/580167?src=19
## 47               http://www.dice.com/job/result/paracomp/MDMml?src=19
## 48        http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
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## 50      http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
##                                                                    jobTitle
## 1                                              IT Technical Recruiter
```

```
## 2                                            Business/Systems Analyst
## 3                                                  Wireless Engineer
## 4                          Assured Boot Team - Software Engineer 4
## 5                                               Full Stack Developer
## 6                                                 Big Data Consultant
## 7                Data Modeler III - Business Intelligence Architect
## 8                                                   Security Analyst
## 9                                    Solutions Architect - E-commerce
## 10                     Research Engineer - Python, Machine Learning,
## 11                                               Senior Data Engineer
## 12                   Fullstack developer with big data Technologies
## 13                        Associate Director-Design and Development
## 14                     Business Analyst--Healthcare--Long Beach CA
## 15                                                       WCS Architect
## 16                            SQL BI/ETL Developer - Canton, OH
## 17                                                Senior Data Analyst
## 18       Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 19                                  Enterprise Architect - Manager
## 20                                        BUSINESS SYSTEMS CONSULTANT
## 21                                              IT Operations manager
## 22 Software Engineer - Programming, Blockchain Technology, bitcoin
## 23                                          Security Systems Engineer
## 24                                    Infrastructure Program Manager
## 25                                                          Oracle DBA
## 26                            Software Development Engineer of Test
## 27                                     Clinical Annotator- data mining
## 28                                                    help desk analyst
## 29                             Associate Technician-Baseline (Net)
## 30                                       Data Cap/FileNet Developer
## 31                                                     Data scientist
## 32                                             Engineer Aeronautical 2
## 33                                          Java / Big Data Developer
## 34                     Developer Business Intelligence(**DIRECT CLIENT**)
## 35            Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 36   Test Data Engineer - Relaxed environment and awesome culture!
## 37                                          Regional Account Executive
## 38                                                  Business Analyst I
## 39                                                       .NET Developer
## 40                          DevOps Engineer (Full-Time) (PERM POSITION)
## 41            Senior Project Manager - Data Center Migrations
## 42                                                      Scala Developer
## 43                                                Developer III - ETL
## 44                                     .Net BigData Scala Developer
## 45                                                        Data Modeler
## 46                                               Solutions Architect
## 47 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 48                            Data Scientist - JOIN A GROWING TEAM!
## 49                                                    Category Manager
## 50                                                      Data Scientist
##                                     company                    location
## 1                             Pangaia Partners LLC               Tampa, FL
## 2                                             Volt          Jersey City, NJ
## 3                              Wizard Staff, Inc              Irvine, CA
## 4                             NORTHROP GRUMMAN Annapolis Junction, MD
```

114

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## 5                          Randstad Technologies             Austin, TX
## 6                          Automation Image Inc.             Irving, TX
## 7                                     Fannie Mae         Washington, DC
## 8                                   Tentek, Inc.            Seattle, WA
## 9                                       TeamSoft            Madison, WI
## 10                                    CyberCoders         San Mateo, CA
## 11                                          Agile           Atlanta, GA
## 12                             Neuro Systems Inc.         Sunnyvale, CA
## 13 The University of North Carolina at Chapel Hill      Chapel Hill, NC
## 14                         Sedna Consulting Group        Long Beach, CA
## 15                               Cybersearch, Ltd.            Austin, TX
## 16                 TapRoot Recruiting Solutions, Inc.        Canton, OH
## 17                                        Infodym           Herndon, VA
## 18                                    CyberCoders     San Francisco, CA
## 19                 Cognizant Technology Solutions          Hartford, CT
## 20                               Matrix Resources         Charlotte, NC
## 21                                       Uniqsoft    Woodcliff Lake, NJ
## 22                                    CyberCoders          Palo Alto, CA
## 23                                         Amazon          Boardman, OR
## 24 International Information Technology Team, Inc.        stamford, CT
## 25                                         eclaro           atlanta, GA
## 26                                          Ciber           Seattle, WA
## 27                        Javen Technologies, Inc      Taylorsville, UT
## 28                        Cohesion Consulting LLC         baltimore, MD
## 29                               Matrix Resources     Fort Stockton, TX
## 30                    22nd Century Technologies, Inc.      Lansing,, MI
## 31                     Infogium Technologies, LLC        Charlotte, NC
## 32                               NORTHROP GRUMMAN         San Diego, CA
## 33                            Xoriant Corporation           Bristol, CT
## 34                            XCEL Solutions Corp.          NEW YORK, NY
## 35                                    CyberCoders            Nashua, NH
## 36                                    CyberCoders             Boise, ID
## 37                                     PeerSource           Chicago, IL
## 38                                      JDC Group
## 39                                            CSC           Isabela, PR
## 40                        Robert Half Technology         Des Moines, IA
## 41                            David Kenneth Group         Annapolis, MD
## 42                                Synechron Inc.          Sterling, VA
## 43                          Fidelis Care New York         Rochester, NY
## 44                                           Zen3           Redmond, WA
## 45                              Apex Systems, Inc          Roseland, NJ
## 46                                HD Supply, Inc.           Atlanta, GA
## 47                        Paragon Solutions Inc.          Cranford, NJ
## 48                                    CyberCoders         Cambridge, MA
## 49                            The Creative Group     Saddle River, NJ
## 50                                 Mitchell Martin   Long Island City, NY
##        date
## 1  2016-10-18
## 2  2016-10-23
## 3  2016-10-17
## 4  2016-10-22
## 5  2016-10-23
## 6  2016-10-20
## 7  2016-10-23
```

```
## 8  2016-09-30
## 9  2016-10-21
## 10 2016-10-23
## 11 2016-10-23
## 12 2016-10-14
## 13 2016-10-17
## 14 2016-10-23
## 15 2016-10-19
## 16 2016-10-23
## 17 2016-10-06
## 18 2016-10-23
## 19 2016-10-23
## 20 2016-10-23
## 21 2016-10-21
## 22 2016-10-23
## 23 2016-10-19
## 24 2016-09-27
## 25 2016-09-26
## 26 2016-10-23
## 27 2016-10-19
## 28 2016-10-18
## 29 2016-10-23
## 30 2016-10-21
## 31 2016-09-26
## 32 2016-10-22
## 33 2016-10-21
## 34 2016-10-23
## 35 2016-10-23
## 36 2016-10-23
## 37 2016-10-20
## 38 2016-10-23
## 39 2016-10-23
## 40 2016-10-23
## 41 2016-10-18
## 42 2016-10-17
## 43 2016-10-23
## 44 2016-10-21
## 45 2016-10-11
## 46 2016-10-11
## 47 2016-10-21
## 48 2016-10-23
## 49 2016-10-23
## 50 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## [1] 1
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## $lastDocument
## [1] 50
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## 1            http://www.dice.com/job/result/RTX15d1a3/684438?src=19
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## 4             http://www.dice.com/job/result/10110049/Req-1932?src=19
## 5      http://www.dice.com/job/result/cybercod/PMM-13248944?src=19
## 6              http://www.dice.com/job/result/90709172/522524?src=19
## 7              http://www.dice.com/job/result/10515013/745324?src=19
## 8              http://www.dice.com/job/result/10313788/246683?src=19
## 9              http://www.dice.com/job/result/10458156/145863?src=19
## 10     http://www.dice.com/job/result/cybercod/PMM-13241676?src=19
## 11             http://www.dice.com/job/result/10505979/688885?src=19
## 12              http://www.dice.com/job/result/isesnj/KLM1017?src=19
## 13             http://www.dice.com/job/result/10202300/744729?src=19
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## 19               http://www.dice.com/job/result/10189480/458?src=19
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## 28             http://www.dice.com/job/result/10376965/741282?src=19
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## 30     http://www.dice.com/job/result/10309206/MA-GA-SYSENG?src=19
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## 36 http://www.dice.com/job/result/10117022/Saroj_ATR124631?src=19
## 37         http://www.dice.com/job/result/10117909/OPENTXT_VS?src=19
## 38     http://www.dice.com/job/result/cybercod/KSK-13250183?src=19
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## 41         http://www.dice.com/job/result/10100347/16000DOP?src=19
## 42             http://www.dice.com/job/result/90579045/740484?src=19
## 43             http://www.dice.com/job/result/10123697/740536?src=19
## 44               http://www.dice.com/job/result/geotx/747000?src=19
## 45             http://www.dice.com/job/result/70000126/248402?src=19
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117

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## 46            http://www.dice.com/job/result/TRIADW/661217?src=19
## 47           http://www.dice.com/job/result/90696805/730927?src=19
## 48           http://www.dice.com/job/result/10116608/15009?src=19
## 49    http://www.dice.com/job/result/RTL152550/1005312264150?src=19
## 50        http://www.dice.com/job/result/10309206/VJ-01-001?src=19
##                                                             jobTitle
## 1              Full Stack Java Developer with AWS & Big Data experience
## 2                                       Offer / Bid Proposals Analyst II
## 3                                    Avionics or aerospace Embedded Engineer
## 4                                       Senior Business System Analyst / BI
## 5              Senior Level Environmental Consultant - Asbestos Focus
## 6                                          Senior Capital Market Analyst
## 7               SAP BOBJ Developer  Contract  3 Months  Boston, MA
## 8              Java Developer or Senior Java Developer (Multiple Oppor
## 9                                              NETWORK  Engineer
## 10             Senior Level Environmental Consultant - Commercial Buildings
## 11                                             Mobility Specilist
## 12                                       BI Reporting Business Analyst
## 13                                           AWS Architect with Platform
## 14                                       .Net Architect - Financial industry
## 15             Abinitio Senior Developer in Jacksonvill  FL Full Time
## 16                       SALESFORCE BA/ADMIN FULL TIME POSITION
## 17                                         Quality Assurance Analyst
## 18                                          Desktop Support - Technical
## 19                       \177Pentaho ETL, Data Warehouse Developer
## 20                                          Ab initio Sr. Developer/Lead
## 21             Staff Software Engineer - Test Automation Architect
## 22                                             Senior Java Architect
## 23                                             Front-End Developer
## 24             Healthcare IT Senior Project Manager (Ewing NJ)
## 25                                                  Scrum Master
## 26             Python Developer F2F required Need locals to Bay Area
## 27                                              1008 HW Engineer
## 28             Java Architect with cloud and development exposure
## 29                                             System Engineer
## 30             Information Security Engineer /Systems Security Administrator
## 31                                    Sr. QA Analyst (SQL, ALM, Rally)
## 32                                             Facets Developer
## 33             Need Puppet Automation Expert/Devops Automation Engineer(puppet)
## 34                                    Java Architect with Cloud experience
## 35                                                     Developer
## 36                                          Tibco Administrator
## 37                                                 OPEN TEXT WEM
## 38                                    Commercial Application Engineer
## 39                                          .Net Developer (9+ Years)
## 40                                    C# .Net Developer NYC's Top Role!
## 41             Associate Database Administrator - (16000DOP)
## 42                                          Access Review(9+years)..
## 43                                          Salesforce Developer
## 44                                    Information Assurance Analyst
## 45             Technology Information Security Manager
## 46                                    Senior SQL Database Developer
## 47                                    Information Security Engineer
## 48                                          Java Developer - 15009
```

```
## 49                                        Business Analyst - Fixed Income
## 50 Systems Security Administrator - Sr/ Sr. Information Security Engineer
##                                 company              location       date
## 1                        TPR Consulting          Seattle, WA 2016-10-05
## 2                         VIVA USA INC          Suwanee, GA 2016-10-21
## 3        Agile Enterprise Solutions, Inc.       Endicott, NY 2016-10-21
## 4          Pegasus Knowledge Solutions        Clayton, MO 2016-10-10
## 5                          CyberCoders       New York, NY 2016-10-23
## 6                       NextGen Solutions        Boston, MA 2016-10-20
## 7                         Stott and May        Boston, MA 2016-10-20
## 8                    Federal Reserve Bank     Cleveland, OH 2016-10-23
## 9                       Tek Energy LLC.        Irving,, TX 2016-10-14
## 10                          CyberCoders       New York, NY 2016-10-23
## 11                              Nespon      Twinsburg, OH 2016-10-11
## 12               Independent Software Whitehouse Station, NJ 2016-10-21
## 13                          HUMAC INC.       Beaverton, OR 2016-10-20
## 14                       SJC4 Solutions   Los Angeles, CA 2016-10-14
## 15                          Okaya Inc   Jacksonville, FL 2016-10-05
## 16                        CPS Comtech          WILTON, CT 2016-10-22
## 17                 Tradeweb Markets LLC    Jersey City, NJ 2016-10-23
## 18                    Network Resources             ny, NY 2016-10-23
## 19 H & R Computer Consulting Services      Washington, DC 2016-10-12
## 20                  Enterprise Solutions          tampa, FL 2016-10-18
## 21          Becton Dickinson & Company       Baltimore, MD 2016-09-28
## 22                 ABAL Technologies Inc       Raleigh, NC 2016-10-14
## 23           Intuitive Technology Group    Minneapolis, MN 2016-09-26
## 24                          Capgemini          Ewing, NJ 2016-09-23
## 25                         Calance US          Denver, CO 2016-10-23
## 26                     ScrumLink, Inc.     Burlingame, CA 2016-10-21
## 27                     ReqRoute, Inc     Richardson, TX 2016-10-18
## 28                     CTI InfoTech      Pleasanton, CA 2016-10-18
## 29                   InfoVision, Inc.        Irving, TX 2016-10-10
## 30                              Finezi     Alpharetta, GA 2016-10-21
## 31                             Ascent        Cypress, CA 2016-10-23
## 32                 QNC Consulting Inc   San Francisco, CA 2016-10-21
## 33            Spar Information Systems        bellevue, WA 2016-10-21
## 34                        CTI InfoTech     Pleasanton, CA 2016-10-21
## 35                   Teamrecruiter.com         Reston, VA 2016-10-17
## 36              ATR International, Inc.      Charlotte, NC 2016-10-03
## 37              Tanisha Systems, Inc.      Cleveland, OH 2016-10-21
## 38                          CyberCoders        Atlanta, GA 2016-10-23
## 39                          Alans Group          Omaha, NE 2016-10-21
## 40                     Access Staffing       New York, NY 2016-10-21
## 41                    Sherwin-Williams      Cleveland, OH 2016-09-29
## 42          Metafore Consulting Services        Groton, CT 2016-10-18
## 43         Webilent Technologies, Inc.    Springfield, MA 2016-10-18
## 44               GeoLogics Corporation       Billerica, MA 2016-10-21
## 45                 Federal Reserve Bank        Chicago, IL 2016-10-23
## 46                          TRIAD Group      Anacortes, WA 2016-10-20
## 47            Data Wave Technologies Inc        Melville, NY 2016-10-10
## 48                  Camber Corporation      Merrifield, VA 2016-10-23
## 49                       Ledgent Tech    Los Angeles, CA 2016-10-23
## 50                              Finezi     Alpharetta, GA 2016-10-13
```

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## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Writing+modular&city=&text=&
##
## $resultItemList
##                                                                detailUrl
## 1          http://www.dice.com/job/result/10242490/CH-CONTENT?src=19
## 2              http://www.dice.com/job/result/matrixga/113029?src=19
## 3               http://www.dice.com/job/result/radiant/739693?src=19
## 4     http://www.dice.com/job/result/micca003/JO#AA5011SSENum?src=19
## 5             http://www.dice.com/job/result/10228513/16-06128?src=19
## 6               http://www.dice.com/job/result/greatwco/13470?src=19
## 7              http://www.dice.com/job/result/sunrise/16-11870?src=19
## 8              http://www.dice.com/job/result/10365558/PSMSENG?src=19
## 9                http://www.dice.com/job/result/calli/730921?src=19
## 10            http://www.dice.com/job/result/RTX16d84d/717857?src=19
## 11            http://www.dice.com/job/result/ngitbot/16015094?src=19
## 12             http://www.dice.com/job/result/10117361/732741?src=19
## 13           http://www.dice.com/job/result/RTX17161a/4737429?src=19
## 14               http://www.dice.com/job/result/10117623/2035?src=19
## 15           http://www.dice.com/job/result/RTX171ea8/421686?src=19
## 16             http://www.dice.com/job/result/sgainc/16-03254?src=19
## 17            http://www.dice.com/job/result/10121878/19174682?src=19
## 18  http://www.dice.com/job/result/rhalfint/03230-9500202749?src=19
## 19       http://www.dice.com/job/result/kforcecx/ITWQG1572093?src=19
## 20   http://www.dice.com/job/result/booz/J3K46Q6181LLFTZ2CTJ?src=19
## 21             http://www.dice.com/job/result/10111038/697993?src=19
## 22               http://www.dice.com/job/result/10208680/VV11?src=19
## 23  http://www.dice.com/job/result/10110872/8159_DSKSUP_MSN?src=19
## 24           http://www.dice.com/job/result/norny001/070214-3?src=19
## 25            http://www.dice.com/job/result/macrosea/9949MP3?src=19
## 26             http://www.dice.com/job/result/amazon20/444255?src=19
## 27            http://www.dice.com/job/result/ngitbot/16021119?src=19
## 28             http://www.dice.com/job/result/10102946/Core02?src=19
## 29             http://www.dice.com/job/result/10458156/141423?src=19
## 30            http://www.dice.com/job/result/ngitbot/16013751?src=19
## 31             http://www.dice.com/job/result/10117953/720226?src=19
## 32             http://www.dice.com/job/result/80127832/745919?src=19
## 33           http://www.dice.com/job/result/10529442/FRS10216?src=19
## 34             http://www.dice.com/job/result/90868489/725178?src=19
```

```
## 35                    http://www.dice.com/job/result/sutoer/696319?src=19
## 36                  http://www.dice.com/job/result/accperny/50808888?src=19
## 37                   http://www.dice.com/job/result/amazon20/406303?src=19
## 38                   http://www.dice.com/job/result/10122753/95055?src=19
## 39                    http://www.dice.com/job/result/infco001/2292?src=19
## 40                 http://www.dice.com/job/result/10115700c/514930?src=19
## 41                  http://www.dice.com/job/result/accperny/7079910?src=19
## 42                   http://www.dice.com/job/result/yohbot/1080681?src=19
## 43       http://www.dice.com/job/result/10117081/20150607-11260?src=19
## 44        http://www.dice.com/job/result/cybercod/NG-130271199?src=19
## 45                  http://www.dice.com/job/result/pdrinc/TCPRO1017?src=19
## 46                     http://www.dice.com/job/result/usts/666692?src=19
## 47                  http://www.dice.com/job/result/10115943/742256?src=19
## 48                 http://www.dice.com/job/result/10115700c/511862?src=19
## 49 http://www.dice.com/job/result/cxvolt/J3H59N6SLKDQ1SL7PSW?src=19
## 50                   http://www.dice.com/job/result/cxbcsi/Job27664?src=19
##                                                              jobTitle
## 1       Web Content Managers: Enhance a Nonprofits Website Pro Bono
## 2                                          BUSINESS SYSTEMS CONSULTANT
## 3                                     API Technical Writer - (Need Locals)
## 4                       Senior Software Engineer, Numerical Simulations
## 5                                                      Technical Writer
## 6                                                   Security Ops Analyst
## 7                                                      Technical Writer
## 8                                     Microsoft Infrastructure Engineer
## 9                                        Associate Technical Consultant
## 10                                             Business Process Analyst
## 11                          Pipeline Professional Technical - All Levels
## 12                                                        Data Architect
## 13                                            Quality Assurance Analyst
## 14                              Quality Control, Technical Writer
## 15                                                        Data Analyst
## 16                                                  Project Coordinator
## 17                                                    Technical Writer
## 18                                                     SR PHP Developer
## 19                                                    Business Analyst
## 20                                            Software Engineer, Junior
## 21                                          Accounting Finance Analyst
## 22                                           Sr Unix Systems Engineer
## 23                                          Desktop Support - Level 2
## 24                                        IT Recruiter - Account Manager
## 25                    Techno Functional Analyst PeopleSoft Financials
## 26                                                  Data Center Manager
## 27                                              Electronics Engineer 2/3
## 28                                            Senior Technical Writer
## 29                                        QA Engineer - PYTHON Required
## 30                                    Engineer Optical 4 - Beam Control
## 31                                          Oracle Developer - Migrations
## 32                    Systems Administrator - SQL Scripting with CATSWeb
## 33                                            Oracle Database Engineer
## 34                                             Sr. Data Stage Developer
## 35                                             JDE Functional Consultant
## 36                                         .Net Developer/ CRM Analyst Just in!
## 37                            AMAZON Data Warehouse Support Engineer III
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## 38                                        Helpdesk Coordinator
## 39                                Systems Maintenance Engineer
## 40                                             Technical Writer
## 41                             Junior Technology Project Manager
## 42                                  Cloud Architect - OpenStack Job
## 43            Application Support Engineer (Level 3) - St. Louis, MO
## 44                              Control Systems Project Engineer
## 45                                                 Data Analyst
## 46                                          Business Analyst II
## 47                         Tech Writer/Documentation Specialist
## 48                                             Technical Writer
## 49 Hadoop Tech Writer - Keynote Cloudera Hortonworks MapReduce MapR
## 50                                          ServiceNow Developer
##                                          company              location
## 1                              Taproot Foundation           Chicago, IL
## 2                                Matrix Resources         Charlotte, NC
## 3                             Radiant System, Inc          Danbury, CT
## 4                                     Mice Groups          Campbell, CA
## 5                                    Genuent, LLC          Houston, TX
## 6      Great-West Life & Annuity Insurance Company           Denver, CO
## 7                            Sunrise Systems, Inc.        Melbourne, FL
## 8                            ProSource Solutions LLC        Richfield, OH
## 9                                   CallidusCloud       Birmingham, AL
## 10                                DSFederal, Inc.         Rockville, MD
## 11                                NORTHROP GRUMMAN Annapolis Junction, MD
## 12                            Confidential Company        Villanova, PA
## 13                          ClaimTrak Systems Inc.         Chandler, AZ
## 14                                        comScore         Portland, OR
## 15                          Ohio State University         Columbus, OH
## 16                    Software Guidance & Assistance         New York, NY
## 17 American Environmental & Engineering Consultants       Alexandria, VA
## 18                          Robert Half Technology          Concord, NC
## 19                                    Kforce Inc.           Irvine, CA
## 20                             Booz Allen Hamilton      Los Angeles, CA
## 21                            eRichards Consulting      Southborough, MA
## 22                       Technical Resource Network        Englewood, CO
## 23                                        TeamSoft          Madison, WI
## 24                          Norgate Technology Inc      Garden City, NY
## 25                                       MACRO.CCS          Seattle, WA
## 26                                          Amazon         Umatilla, OR
## 27                                NORTHROP GRUMMAN          Ventura, CA
## 28                            Pivotal Solutions Inc         San Jose, CA
## 29                                Tek Energy LLC.               NY, NY
## 30                                NORTHROP GRUMMAN     Redondo Beach, CA
## 31                               Prutech Solutions              NYC, NY
## 32                                      Group Nine       Minneapolis, MN
## 33                            Capital Computer LLC          Madison, WI
## 34                        Lupttha Technologies LLC          Phoenix, AZ
## 35                                Sutoer Solutions         Rosemont, IL
## 36                                 Access Staffing         New York, NY
## 37                                          Amazon         Virginia, VA
## 38                                           Ciber      Indianapolis, IN
## 39     Information Technology Engineering Corporation         Alice Springs
## 40                            Randstad Technologies           Durham, NC
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## 41                            Access Staffing            New York, NY
## 42     Yoh, A Day & Zimmermann Company            Bethesda, MD
## 43                          Scottrade, Inc               Louis, MO
## 44                            CyberCoders        Indianapolis, IN
## 45                     Ascendum Solutions          Cincinnati, OH
## 46             U.S. Tech Solutions Inc.               Miami, FL
## 47             Ace Info Solutions, Inc.        Fort Collins, CO
## 48                 Randstad Technologies          Saint Paul, MN
## 49                                   Volt           Cupertino, CA
## 50                             Calance US              Denver, CO
##          date
## 1  2016-10-20
## 2  2016-10-23
## 3  2016-10-17
## 4  2016-10-21
## 5  2016-10-23
## 6  2016-10-23
## 7  2016-10-19
## 8  2016-09-27
## 9  2016-10-17
## 10 2016-09-29
## 11 2016-10-22
## 12 2016-10-11
## 13 2016-10-19
## 14 2016-10-23
## 15 2016-09-25
## 16 2016-10-23
## 17 2016-10-17
## 18 2016-10-23
## 19 2016-10-22
## 20 2016-10-23
## 21 2016-10-10
## 22 2016-10-19
## 23 2016-10-21
## 24 2016-10-19
## 25 2016-10-20
## 26 2016-10-19
## 27 2016-10-22
## 28 2016-10-23
## 29 2016-10-19
## 30 2016-10-22
## 31 2016-09-30
## 32 2016-10-21
## 33 2016-10-22
## 34 2016-10-05
## 35 2016-10-21
## 36 2016-10-21
## 37 2016-10-19
## 38 2016-10-23
## 39 2016-10-23
## 40 2016-10-23
## 41 2016-10-21
## 42 2016-10-23
## 43 2016-10-23
```

```
## 44 2016-10-23
## 45 2016-10-19
## 46 2016-10-19
## 47 2016-10-18
## 48 2016-10-23
## 49 2016-10-23
## 50 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 754
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=reusable+code&city=&text=&ip=
##
## $resultItemList
##                                                             detailUrl
## 1            http://www.dice.com/job/result/ngitbot/16012143?src=19
## 2             http://www.dice.com/job/result/iconma/ENG23473?src=19
## 3   http://www.dice.com/job/result/rhalfint/01500-0008894846?src=19
## 4       http://www.dice.com/job/result/cybercod/DH1-13237399?src=19
## 5     http://www.dice.com/job/result/ciscobot/R1017324-en_US?src=19
## 6            http://www.dice.com/job/result/ngitbot/16012447?src=19
## 7       http://www.dice.com/job/result/10208346M/5919_SQL_AZ?src=19
## 8            http://www.dice.com/job/result/10116288/PP_SDET?src=19
## 9              http://www.dice.com/job/result/hirtblok/34562?src=19
## 10    http://www.dice.com/job/result/10282686/FLEX_384_PS03?src=19
## 11           http://www.dice.com/job/result/500519669/018722?src=19
## 12            http://www.dice.com/job/result/10117361/732741?src=19
## 13           http://www.dice.com/job/result/10210023D/714049?src=19
## 14 http://www.dice.com/job/result/10208346O/3554_AndroidDev?src=19
## 15           http://www.dice.com/job/result/90790689/536484?src=19
## 16           http://www.dice.com/job/result/RTL68226/10383BW?src=19
## 17           http://www.dice.com/job/result/10427712/741025?src=19
## 18           http://www.dice.com/job/result/RTX15d1a3/684438?src=19
## 19           http://www.dice.com/job/result/amazon20/425329?src=19
## 20         http://www.dice.com/job/result/accperny/117900067?src=19
## 21           http://www.dice.com/job/result/10376049/742057?src=19
## 22 http://www.dice.com/job/result/rhalfint/03230-9500202749?src=19
## 23             http://www.dice.com/job/result/10166629/8928?src=19
## 24           http://www.dice.com/job/result/10521201/SWEngMN?src=19
## 25           http://www.dice.com/job/result/90884791/740184?src=19
## 26 http://www.dice.com/job/result/rhalfint/03200-0008867719?src=19
## 27           http://www.dice.com/job/result/ngitbot/16016455?src=19
```

```
## 28              http://www.dice.com/job/result/10125813/937418?src=19
## 29              http://www.dice.com/job/result/10211487/733746?src=19
## 30              http://www.dice.com/job/result/10273066/168635?src=19
## 31    http://www.dice.com/job/result/90940991/BBA000012798876?src=19
## 32              http://www.dice.com/job/result/10415646/728125?src=19
## 33       http://www.dice.com/job/result/10226217/101208-en_US?src=19
## 34           http://www.dice.com/job/result/10106050/1600004057?src=19
## 35                http://www.dice.com/job/result/10226510/1720?src=19
## 36          http://www.dice.com/job/result/gentx001/16-07453?src=19
## 37     http://www.dice.com/job/result/10371697M/SECASMFI-928?src=19
## 38              http://www.dice.com/job/result/10504871/261274?src=19
## 39              http://www.dice.com/job/result/10121591/43433?src=19
## 40                 http://www.dice.com/job/result/systel/726698?src=19
## 41             http://www.dice.com/job/result/10143991/4734523?src=19
## 42             http://www.dice.com/job/result/amazonAWS/421021?src=19
## 43             http://www.dice.com/job/result/RTX192a28/662810?src=19
## 44              http://www.dice.com/job/result/90907162/709563?src=19
## 45              http://www.dice.com/job/result/10527154/746617?src=19
## 46             http://www.dice.com/job/result/ngitbot/16015903?src=19
## 47             http://www.dice.com/job/result/ngitbot/16022506?src=19
## 48                http://www.dice.com/job/result/10441189/25178?src=19
## 49               http://www.dice.com/job/result/eastend/DTL104?src=19
## 50         http://www.dice.com/job/result/appblok/1537_107291?src=19
##                                                                jobTitle
## 1                      Assured Boot Team - Software Engineer 4
## 2                        Production/Application Support Engineer
## 3                       DevOps Engineer (Full-Time) (PERM POSITION)
## 4                          Software Engineer in Test (C# or java)
## 5                                    Software Engineer- Front End
## 6                                       Software Developer 2 / 3
## 7                                         SQL Programmer Analyst
## 8                                     Sr. Quality Engineer (SDET)
## 9                                        Senior DEVOPS Engineer
## 10                                          Salesforce Developer
## 11         HVS-Specialist SW Development Engineer-Hitachi Insight Group
## 12                                                 Data Architect
## 13                                    Software Development Manager
## 14                            Mobile Application Developer - Android
## 15                                                     Deputy CIO
## 16                       Principal Application Security Consultant
## 17                          16-00743 - SFDC Developer with Integration
## 18            Full Stack Java Developer with AWS & Big Data experience
## 19                                    Software Development Manager
## 20                                       Software Engineer C# .Net
## 21               J2EE Lead with Strong Technical and PM skills- CA
## 22                                             SR PHP Developer
## 23                              Operations Manager, SketchUp Team
## 24                                            Software Engineer
## 25 Sr. Performance Architect with Core Java Coding skills   ...   NO H-1
## 26                                                 Web Developer
## 27                                          Engineer Software 3
## 28                              Sr. Network Engineer/Architect
## 29                          Senior QE Engineer with Java Coding
## 30         Early Career IT Software Engineer, Applications Development
```

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## 31                                                    LTE FW Developer
## 32                              Senior Software Development Engineer
## 33      SR LEAD INFORMATION SECURITY ENGINEER-APPLICATION SECURITY
## 34                                              ETL/Data Scientist
## 35                          Software Development Engineer in Test
## 36                                          Sr. Software Developer
## 37       SFDC Platform Architect - Global Security Vendor - Up to$220K
## 38                          Entry Level Data Analyst/ Fresh Graduate
## 39                                                 "Visual Coded UI "
## 40                          IAM Consultant (Identity & Access Management)
## 41                              Software Build and Release Engineer
## 42                                    Software Development Manager
## 43                                             Engineering Intern
## 44                                             Cloud engineer/Lead
## 45      Server Side Java Developer in St. Petersburg, FL( Immediate hire)
## 46                                          Engineer Software 2/3
## 47                                    Software Engineer III-13910
## 48                                                     Developer II
## 49                          C# Lead Developer - Investment Banking
## 50               Infrastructure Engineer: Technical Lead Virtualization
##                             company            location        date
## 1                  NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 2                            ICONMA          O Fallon, MO 2016-10-13
## 3            Robert Half Technology       Des Moines, IA 2016-10-23
## 4                       CyberCoders       Greenville, SC 2016-10-23
## 5                Cisco Systems Inc.         Milpitas, CA 2016-10-23
## 6                  NORTHROP GRUMMAN     Gaithersburg, MD 2016-10-22
## 7                          Collabera          Phoenix, AZ 2016-10-03
## 8                    Prokarma, Inc.          Phoenix, AZ 2016-10-23
## 9                         Clearleap          Atlanta, GA 2016-10-07
## 10                       Flexton Inc    San Francisco, CA 2016-10-21
## 11              Hitachi Data Systems      Santa Clara, CA 2016-10-23
## 12              Confidential Company        Villanova, PA 2016-10-11
## 13             Crescent Solutions Inc      New York, NY 2016-09-27
## 14                         Collabera          Chicago, IL 2016-10-10
## 15                    GreenSky Credit         Atlanta, GA 2016-10-23
## 16             Stanley Reid & Company        Bellevue, WA 2016-10-22
## 17               Dolphin Solutions Inc       O Fallon, MO 2016-10-20
## 18                    TPR Consulting          Seattle, WA 2016-10-05
## 19                            Amazon          Seattle, WA 2016-10-19
## 20                    Access Staffing         New York, NY 2016-10-21
## 21          Sun Power Consulting (SPC)          Irvine, CA 2016-10-18
## 22            Robert Half Technology          Concord, NC 2016-10-23
## 23         Trimble Navigation Limited         Boulder, CO 2016-10-23
## 24                     LocalVox Media     Bloomington, MN 2016-10-21
## 25                       HCM TEK Inc.        Iowa City, IA 2016-10-20
## 26            Robert Half Technology        Charlotte, NC 2016-10-23
## 27                  NORTHROP GRUMMAN     East Hartford, CT 2016-10-22
## 28 Progressive Technology Solutions       Sunnyvale, CA 2016-10-21
## 29         Nextgen Technologies Inc.        Sunnyvale, CA 2016-10-21
## 30              Teradata Corporation           Dayton, OH 2016-10-23
## 31          Bebee Affinity Social Network      San Diego, CA 2016-10-23
## 32                            Elekta       Saint Louis, MO 2016-10-07
## 33                        CenturyLink          Denver, CO 2016-10-23
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## 34                              ICF                   Fairfax, VA 2016-10-23
## 35              Dimensional Thinking                   Atlanta, GA 2016-10-04
## 36                         Genesis10                  Johnston, IA 2016-10-23
## 37         Mason Frank International              Santa Clara, CA 2016-10-23
## 38                        ConsultAdd                    Dallas, TX 2016-10-20
## 39                 Logic Soft, Inc.                  Columbus, OH 2016-10-23
## 40                      Systel,Inc.                   Atlanta, GA 2016-10-06
## 41                       Transfirst               Broomfield, CO 2016-10-12
## 42                           Amazon                   Seattle, WA 2016-10-23
## 43                 Stratus Solutions               chantilly, VA 2016-09-23
## 44             Cignus Solutions LLC                    Dallas, TX 2016-10-07
## 45                     Calibro Corp          St. Petersburg, FL 2016-10-21
## 46                 NORTHROP GRUMMAN                  Palmdale, CA 2016-10-22
## 47                 NORTHROP GRUMMAN             Schriever Afb, CO 2016-10-22
## 48            Fidelis Care New York               Rochester, NY 2016-10-23
## 49                East End Resources                 New York, NY 2016-10-21
## 50                         Vanguard               Charlotte, NC 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 280
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Documentation&city=&text=&ip=
##
## $resultItemList
##                                                          detailUrl
## 1        http://www.dice.com/job/result/cybercod/RN1-1256350130?src=19
## 2               http://www.dice.com/job/result/10124418/eBusLead?src=19
## 3                 http://www.dice.com/job/result/10124483/598704?src=19
## 4                  http://www.dice.com/job/result/10477708/51357?src=19
## 5   http://www.dice.com/job/result/softwinc/Softworld_2222-716?src=19
## 6         http://www.dice.com/job/result/10112156/GDH_37184-355?src=19
## 7         http://www.dice.com/job/result/10112156/GDH_37540-444?src=19
## 8         http://www.dice.com/job/result/10112156/GDH_35952-949?src=19
## 9               http://www.dice.com/job/result/matlennj/740430?src=19
## 10              http://www.dice.com/job/result/10124483/739516?src=19
## 11          http://www.dice.com/job/result/accperny/117900067?src=19
## 12              http://www.dice.com/job/result/10119301/683477?src=19
## 13     http://www.dice.com/job/result/10102941/20162110T98321?src=19
## 14              http://www.dice.com/job/result/10107041/742434?src=19
## 15       http://www.dice.com/job/result/cybercod/SS7-131098964?src=19
## 16 http://www.dice.com/job/result/softwinc/Softworld_2223-143?src=19
## 17              http://www.dice.com/job/result/10126416/689037?src=19
```

```
## 18                    http://www.dice.com/job/result/10112696/29856?src=19
## 19                    http://www.dice.com/job/result/essent/LMB101116?src=19
## 20                    http://www.dice.com/job/result/RTL102201/725668?src=19
## 21                    http://www.dice.com/job/result/10200989/448443?src=19
## 22           http://www.dice.com/job/result/10112156/GDH_37682-278?src=19
## 23                    http://www.dice.com/job/result/10109682/093016JB?src=19
## 24                    http://www.dice.com/job/result/10200989/381591?src=19
## 25                    http://www.dice.com/job/result/10429942/744105?src=19
## 26                    http://www.dice.com/job/result/90970037/744509?src=19
## 27                    http://www.dice.com/job/result/10112865/BABOS?src=19
## 28        http://www.dice.com/job/result/10208346C/3487_PS@BALNC?src=19
## 29        http://www.dice.com/job/result/RTL152550/1005312259160?src=19
## 30                    http://www.dice.com/job/result/10503906/743646?src=19
## 31                    http://www.dice.com/job/result/90884853/744519?src=19
## 32        http://www.dice.com/job/result/cybercod/SS2-131865430?src=19
## 33         http://www.dice.com/job/result/cybercod/NG-132109219?src=19
## 34                    http://www.dice.com/job/result/compri/741697?src=19
## 35          http://www.dice.com/job/result/ctcsllp/SCTECHWRITER?src=19
## 36                    http://www.dice.com/job/result/10113945B/13404?src=19
## 37     http://www.dice.com/job/result/tacman/Advantage_2593-177?src=19
## 38                    http://www.dice.com/job/result/tricomcg/BW-18330?src=19
## 39                    http://www.dice.com/job/result/10112409/715850?src=19
## 40                    http://www.dice.com/job/result/10279360/641128?src=19
## 41                    http://www.dice.com/job/result/10231257/700744?src=19
## 42          http://www.dice.com/job/result/alliedtx/2016-3271?src=19
## 43          http://www.dice.com/job/result/10109788/GDBA13386?src=19
## 44                    http://www.dice.com/job/result/10123090/470013?src=19
## 45          http://www.dice.com/job/result/RTX135fe2/717851?src=19
## 46          http://www.dice.com/job/result/iconma/16-122730?src=19
## 47                    http://www.dice.com/job/result/10524239/687138?src=19
## 48     http://www.dice.com/job/result/tacman/Advantage_2597-246?src=19
## 49          http://www.dice.com/job/result/10109429/AD_PA_VA?src=19
## 50                    http://www.dice.com/job/result/USCUH/3004006?src=19
##                                                                    jobTitle
## 1                          ServiceNow Developer/Analyst - Active Directory, IT
## 2                                                     e-Business Process Lead
## 3                                                         Business Consultant
## 4                                                            Business Analyst
## 5                                       Enterprise Architect/ Software Developer
## 6                                                     Senior Solutions Analyst
## 7                                                             Account Manager
## 8                                                          Mechanical Designer
## 9                                                            Business Analyst
## 10                                          Wireless and Mobile Project Manager
## 11                                                     Software Engineer C# .Net
## 12                                                  Salesforce Business Analyst
## 13                        Project Manager, Sr. - Program Level - Plano, TX 75024
## 14                                                    Systems Administrator & PM
## 15                          Cyber Mission Designer - Cyber Security Training Programs
## 16                                                             Network Engineer
## 17                                                              Technical Writer
## 18                                                              Customer Support
## 19                                                              Technical Writer
## 20                                          Help Desk/Desktop Support Technician
```

128

```
## 21                    Business System Analyst - LOS /  Loan Origination System (4 openings)
## 22                                                             Network Security Sr Consultant
## 23                                                            Sr. Business Process Analyst
## 24                    Business System Analyst (HR Domain / Salesforce / Workday / Siebel)
## 25 Project management / BSA (Process mapping ,Requirements documentation)Rate-Open, 1 year, Oregon
## 26                    QA Lead / Test Architect / Automation lead / Quality Assurance Lead
## 27                                                                        Business Analyst
## 28                                                                   Business Analyst  SDLC
## 29                                                          IT Security & Compliance Manager
## 30                        Need : SAP Basis Administrator - Palo Alto, CA - Full Time
## 31                                                              Analyst/Help Desk Support
## 32                                                                Business System Analyst
## 33                                                              Systems Security Engineer
## 34                                                                        Systems Analyst
## 35                                                                       Technical Writer
## 36                                                               Documentation Coordinator
## 37                                                                       Database Analyst
## 38                                                              Mainframe/COBOL Developer
## 39                                                                      Release/QA engineer
## 40                                                          Technical Business Analyst, Lead
## 41                                                          IT Business Analyst (Agile)
## 42                                                                     Java Web Developer
## 43                                                    Medicare Business Analyst / Systems Analyst
## 44                                                                   Epic Bridges (HL7)
## 45                                                    Associate Test Engineer - electronic test
## 46                                                                             IT Trainer
## 47                                                            Application Support Analyst
## 48                                                                       Kofax Consultant
## 49                                                                      Procedure Analyst
## 50                                                       Sr. IT Analyst- Business Applications
##                                  company              location
## 1                            CyberCoders          Palo Alto, CA
## 2         Systems Technology Group Inc. (STG)       Dearborn, MI
## 3                          ExcelaCom, Inc          Toronto, ON
## 4                Inspire IT Solutions, LLC        Atlanta, GA
## 5                          Softworld Inc Warner Robins, GA
## 6                          GDH Consulting Basking Ridge, NJ
## 7                          GDH Consulting            Wixom, MI
## 8                          GDH Consulting        Santa Clara, CA
## 9              The Matlen Silver Group, Inc.        Roseland, NJ
## 10                         ExcelaCom, Inc        Englewood, CO
## 11                         Access Staffing        New York, NY
## 12                                 CSpring     Indianapolis, IN
## 13                       NewData Strategies            Plano, TX
## 14                             OperationIT            Bronx, NY
## 15                            CyberCoders          Boulder, CO
## 16                          Softworld Inc      Burlingame, CA
## 17                              Vivo Inc.       Foster City, CA
## 18                              Macrosoft          Atlanta, GA
## 19             Essential Data Corporation           Boston, MA
## 20                                   MCPC           Canton, OH
## 21                        HKA Enterprises            Plano, TX
## 22                         GDH Consulting           Denver, CO
## 23                     Preferred Resources     Saint Louis, MO
```

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## 24                              HKA Enterprises        Torrance, CA
## 25                                    Centizen        Beaverton, OR
## 26                              Noralogic Inc     Newport News, VA
## 27           Genoa International Solutions         Ann Arbor, MI
## 28                                  Collabera        Charlotte, NC
## 29                             Ledgent Tech        Seal Beach, CA
## 30            SGIC Cloud Technologies Inc.          Palo Alto, CA
## 31              Praetorian Standard, Inc.            Somerset, KY
## 32                               CyberCoders        Scottsdale, AZ
## 33                               CyberCoders        Fort Meade, MD
## 34                          Compri Consulting          Denver, CO
## 35 C&T Information Technology Consulting, Inc.       Greenville, SC
## 36                               JVT Advisors         Lawrence, MA
## 37                                  Advantage       Minneapolis, MN
## 38             The Tri-Com Consulting Group        Middletown, CT
## 39                            The Astor Group          New York, NY
## 40                          GeoVera Insurance         Fairfield, CA
## 41                          Proteam Solutions          Columbus, OH
## 42                  Allied Consultants, Inc.            Austin, TX
## 43                                    SoNoted     Windsor Mill, MD
## 44                                Tanson Corp        Rochester, MN
## 45           Riverside Technical Services, Inc.        Melbourne, FL
## 46                                    ICONMA       Creve Coeur, MO
## 47   Tech Quarry Group (Chosen Consortium), LLC    San Antonio, TX
## 48                                  Advantage        Charlotte, NC
## 49                             DatamanUSA, LLC          Chester, VA
## 50            University of Southern California    Los Angeles, CA
##          date
## 1  2016-10-23
## 2  2016-10-21
## 3  2016-10-10
## 4  2016-10-19
## 5  2016-10-23
## 6  2016-10-23
## 7  2016-10-23
## 8  2016-10-23
## 9  2016-10-18
## 10 2016-10-17
## 11 2016-10-21
## 12 2016-10-10
## 13 2016-10-21
## 14 2016-10-19
## 15 2016-10-23
## 16 2016-10-23
## 17 2016-09-28
## 18 2016-10-11
## 19 2016-10-19
## 20 2016-10-21
## 21 2016-10-21
## 22 2016-10-23
## 23 2016-10-20
## 24 2016-10-21
## 25 2016-10-21
## 26 2016-10-21
```

```
## 27 2016-10-21
## 28 2016-10-21
## 29 2016-10-23
## 30 2016-10-19
## 31 2016-10-20
## 32 2016-10-23
## 33 2016-10-23
## 34 2016-10-18
## 35 2016-10-20
## 36 2016-10-23
## 37 2016-10-23
## 38 2016-10-12
## 39 2016-10-21
## 40 2016-10-17
## 41 2016-10-18
## 42 2016-10-17
## 43 2016-10-21
## 44 2016-10-19
## 45 2016-10-18
## 46 2016-10-20
## 47 2016-10-20
## 48 2016-10-23
## 49 2016-10-17
## 50 2016-10-21

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 53
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=commenting&city=&text=&ip=&d:
##
## $resultItemList
##                                                         detailUrl
## 1  http://www.dice.com/job/result/RTL152550/1005312266570?src=19
## 2            http://www.dice.com/job/result/pyrmid/16-26915?src=19
## 3          http://www.dice.com/job/result/10529442/FRS10216?src=19
## 4         http://www.dice.com/job/result/RTL224529/AKM-2797?src=19
## 5           http://www.dice.com/job/result/10120421/719405?src=19
## 6            http://www.dice.com/job/result/hcl001/729790?src=19
## 7           http://www.dice.com/job/result/10503906/743646?src=19
## 8           http://www.dice.com/job/result/10443786/727608?src=19
## 9   http://www.dice.com/job/result/10112156/GDH_37301-530?src=19
## 10          http://www.dice.com/job/result/10114734/707471?src=19
```

```
## 11        http://www.dice.com/job/result/10335759/742160?src=19
## 12        http://www.dice.com/job/result/KANBAY/Stack_CA?src=19
## 13        http://www.dice.com/job/result/hcl001APP/741480?src=19
## 14        http://www.dice.com/job/result/hcl001ERS/738221?src=19
## 15    http://www.dice.com/job/result/cybercod/SN1-130204469?src=19
## 16        http://www.dice.com/job/result/90696805/746361?src=19
## 17        http://www.dice.com/job/result/10122796/533107?src=19
## 18             http://www.dice.com/job/result/ksa/8494r?src=19
## 19        http://www.dice.com/job/result/10111992/728933?src=19
## 20        http://www.dice.com/job/result/10124421/BB2947?src=19
## 21    http://www.dice.com/job/result/cybercod/MY1-131521729?src=19
## 22     http://www.dice.com/job/result/cybercod/AF-13248604?src=19
## 23       http://www.dice.com/job/result/10114372/COGN_109?src=19
## 24        http://www.dice.com/job/result/90719156/743735?src=19
## 25        http://www.dice.com/job/result/RTX1ba284/719371?src=19
## 26        http://www.dice.com/job/result/10121777/718457?src=19
## 27 http://www.dice.com/job/result/RTL152550/1005312262350?src=19
## 28        http://www.dice.com/job/result/10113627/732422?src=19
## 29        http://www.dice.com/job/result/10507268/746674?src=19
## 30 http://www.dice.com/job/result/conf123/TabServ10171020?src=19
## 31         http://www.dice.com/job/result/10116861/12873?src=19
## 32        http://www.dice.com/job/result/iconma/SPEC14373?src=19
## 33        http://www.dice.com/job/result/10243239/731254?src=19
## 34        http://www.dice.com/job/result/hyattldr/KB101716?src=19
## 35          http://www.dice.com/job/result/login/1122002?src=19
## 36        http://www.dice.com/job/result/comga001/16901ZES?src=19
## 37         http://www.dice.com/job/result/10275619/10112?src=19
## 38    http://www.dice.com/job/result/10105424/5798788-179?src=19
## 39        http://www.dice.com/job/result/90784838/721687?src=19
## 40        http://www.dice.com/job/result/10217156/690469?src=19
## 41    http://www.dice.com/job/result/conne001/LinuxAdminSJ?src=19
## 42      http://www.dice.com/job/result/infotny/16-09315LW?src=19
## 43    http://www.dice.com/job/result/cybercod/MY1-13251363?src=19
## 44     http://www.dice.com/job/result/10124891N/AikPython?src=19
## 45          http://www.dice.com/job/result/apn/Web_4392?src=19
## 46        http://www.dice.com/job/result/RTL150852/710636?src=19
## 47        http://www.dice.com/job/result/10367249/711326?src=19
## 48         http://www.dice.com/job/result/asdinc/SRF2406?src=19
## 49        http://www.dice.com/job/result/10354693/731992?src=19
## 50 http://www.dice.com/job/result/RTL152550/1005312269691?src=19
##                                                          jobTitle
## 1                                       Linux System Administrator
## 2                                      Technical support/ Client Support
## 3                                        Oracle Database Engineer
## 4                       Linux Engineer (Entry Level) (2 positions)
## 5                                       Automation Tools Developer
## 6                                            Data Center Techinicain
## 7      Need : SAP Basis Administrator - Palo Alto, CA - Full Time
## 8                                             Senior Data Engineer
## 9                                        Technical Support Analyst
## 10                                                Network engineer
## 11                                             Validation Engineers
## 12           Full Stack Java developer with DevOps experience
## 13                            Helpdesk Queue Support Specialist
```

```
## 14                                              Test Engineer
## 15                                              PLC Engineer
## 16              TABLEAU ADMINISTRATOR at Manhattan, NY
## 17                                       Integration Analyst
## 18                     MicroStrategy Developer/Administrator
## 19                     Linux System Support Administrator
## 20                                         Security Analyst
## 21    Software Quality Assurance Specialist - REST API Test Cases
## 22 Cross Platform Senior IT Systems Engineer - Win / Linux / AWS
## 23                     Hyperion Production Support Consultant
## 24                     Need Automation Engineer-Java,Android
## 25                         Image Deployment Specialist
## 26                            Senior Network Engineer
## 27                     Embedded Software Engineer (C++)
## 28                     Quality Analyst with Unix scripting
## 29                              Command Center Shift
## 30                           Tableau Server Reporting
## 31                     Cyber Network Defense (CND) Admin
## 32                              ETL Application Support
## 33                                      Desktop Engineer
## 34                                      SCCM Administrator
## 35                     ETl, Linux, SQL Query Database Developer
## 36                                          C# Developer
## 37                     Lead Magento Developer (e-commerce)
## 38                              Command Center Analyst
## 39                             Tivoli Work Scheduler
## 40                             Associate QA Engineer
## 41         Linux Administrator  San Jose Local candidates only
## 42                     NOC / Network Operations Technician
## 43         QA Specialist - Web/Mobile Restful API/JSON Testing
## 44                                       Python Developer
## 45                     SASS/EXTJS Developer (Web Application)
## 46                                    Data Science Intern
## 47                             Associate Android Developer
## 48                             SYSTEMS ENGINEER II (SRF2406)
## 49                                Network Administrator
## 50                                IT Franchise Liasion
##                                                    company
## 1                                            Ledgent Tech
## 2                                  Pyramid Consulting, Inc.
## 3                                       Capital Computer LLC
## 4    MorphoTrust USA (formerly L-1 Identity Solutions)
## 5                                        Premier Tech Inc.
## 6                                          HCL America Inc.
## 7                             SGIC Cloud Technologies Inc.
## 8                                            FusionForte
## 9                                          GDH Consulting
## 10                                          Isoftech Inc
## 11                                            TekShapers
## 12                                             Capgemini
## 13                                       HCL America Inc.
## 14                                       HCL America Inc.
## 15                                            CyberCoders
## 16                          Data Wave Technologies Inc
```

133

```
## 17                             Baptist Healthcare
## 18                             Keller Schroeder
## 19                                  Josef Group
## 20                       Palace Gate Corporation
## 21                                   CyberCoders
## 22                                   CyberCoders
## 23                                   Cognate Inc
## 24                      Spar Information Systems
## 25                              Meeting Tomorrow
## 26                                       Neovera
## 27                                  Ledgent Tech
## 28                                  TransTech LLC
## 29                   Peak Technical Services, Inc.
## 30                    Donnelly & Moore Corporation
## 31                       Pratt Brown & Associates
## 32                                        ICONMA
## 33                          Grapevine Technology
## 34                                  Hyatt Leader
## 35                 Login Consulting Services, Inc
## 36                                           3Ci
## 37                                       MARS IT
## 38                             TEKsystems, Inc.
## 39                              TS KANDILIT LLC
## 40                                        MagTek
## 41                                  CSS Staffing
## 42                                DIVERSANT, LLC.
## 43                                   CyberCoders
## 44                       Aikon Technologies Inc
## 45                     APN Software Services, Inc
## 46                                   HomeAdvisor
## 47                                 Ridgefield One
## 48                                     ASD, Inc.
## 49                            Data Resource Group
## 50                                  Ledgent Tech
##                     location       date
## 1               Encino, CA 2016-10-23
## 2       Salt Lake City, UT 2016-10-20
## 3              Madison, WI 2016-10-22
## 4        Bloomington, MN 2016-10-17
## 5        Kansas City, MO 2016-09-30
## 6           Green Bay, WI 2016-10-09
## 7           Palo Alto, CA 2016-10-19
## 8       Mountain View, CA 2016-10-17
## 9                Plano, TX 2016-10-23
## 10           Culpeper, VA 2016-10-13
## 11            Atlanta, GA 2016-10-21
## 12          San Ramon, CA 2016-09-27
## 13           San Jose, CA 2016-10-18
## 14            Redmond, WA 2016-10-14
## 15        Perrysville, OH 2016-10-23
## 16          manhattan, NY 2016-10-21
## 17           Pensacola, FL 2016-10-10
## 18          Evansville, IN 2016-10-20
## 19 Annapolis Junction, MD 2016-10-18
```

```
## 20                Chicago, IL 2016-09-29
## 21                Toronto, ON 2016-10-23
## 22        Newport Beach, CA 2016-10-23
## 23           Menlo Park, CA 2016-10-21
## 24        mountain view, CA 2016-10-21
## 25                Chicago, IL 2016-10-03
## 26                 Reston, VA 2016-10-14
## 27              San Diego, CA 2016-10-23
## 28                chicago, IL 2016-10-11
## 29               Bethesda, MD 2016-10-21
## 30               New York, NY 2016-10-21
## 31                  Tampa, FL 2016-09-28
## 32               Richmond, VA 2016-10-21
## 33               Stamford, CT 2016-10-20
## 34           Mount Laurel, NJ 2016-10-18
## 35            LOS ANGELES, CA 2016-10-21
## 36                Atlanta, GA 2016-10-23
## 37             Brookfield, WI 2016-10-21
## 38                Jackson, MS 2016-10-23
## 39            Jersey City, NJ 2016-10-17
## 40             Seal Beach, CA 2016-10-21
## 41               San Jose, CA 2016-10-21
## 42                 Irving, TX 2016-10-20
## 43                Toronto, ON 2016-10-23
## 44                Chicago, IL 2016-10-21
## 45            Santa Clara, CA 2016-10-21
## 46                 Golden, CO 2016-09-23
## 47               New York, NY 2016-09-26
## 48             Washington, DC 2016-10-21
## 49               Portland, OR 2016-10-11
## 50                Anaheim, CA 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 1003
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Version+control&city=&text=&:
##
## $resultItemList
##                                                          detailUrl
## 1              http://www.dice.com/job/result/RTX10a021/4741205?src=19
## 2               http://www.dice.com/job/result/10106058/677632?src=19
## 3               http://www.dice.com/job/result/ngitbot/16022175?src=19
```

135

```
## 4                http://www.dice.com/job/result/10285444/6534852?src=19
## 5                http://www.dice.com/job/result/10115700c/489322?src=19
## 6              http://www.dice.com/job/result/90958320/VS10132016?src=19
## 7                http://www.dice.com/job/result/90954551/745800?src=19
## 8                http://www.dice.com/job/result/10115700c/514071?src=19
## 9                 http://www.dice.com/job/result/10111217/COMPNY?src=19
## 10               http://www.dice.com/job/result/ngitbot/16012447?src=19
## 11                http://www.dice.com/job/result/cxcnetut/16-03197?src=19
## 12            http://www.dice.com/job/result/kforcecx/ITWQG1546808?src=19
## 13                http://www.dice.com/job/result/amazon20/383081?src=19
## 14                   http://www.dice.com/job/result/park/PS091316?src=19
## 15               http://www.dice.com/job/result/10228513/16-06128?src=19
## 16                http://www.dice.com/job/result/10494670/736680?src=19
## 17               http://www.dice.com/job/result/10107595/16-00581?src=19
## 18             http://www.dice.com/job/result/cybercod/WT1-131997824?src=19
## 19             http://www.dice.com/job/result/10105424/5800334-38?src=19
## 20                http://www.dice.com/job/result/10122703/736245?src=19
## 21             http://www.dice.com/job/result/10360702/SWS-WARE-816?src=19
## 22                  http://www.dice.com/job/result/srabot/2619920?src=19
## 23                  http://www.dice.com/job/result/10115295/3920?src=19
## 24                  http://www.dice.com/job/result/infco001/2327?src=19
## 25                http://www.dice.com/job/result/eastend/RPM1019?src=19
## 26             http://www.dice.com/job/result/cybercod/NG-13250414?src=19
## 27                http://www.dice.com/job/result/compexpr/579726?src=19
## 28                  http://www.dice.com/job/result/oraca002/1505?src=19
## 29                http://www.dice.com/job/result/10213955/594845?src=19
## 30       http://www.dice.com/job/result/tacman/Advantage_2601-335?src=19
## 31                http://www.dice.com/job/result/90833617/727587?src=19
## 32                http://www.dice.com/job/result/verica/00004275?src=19
## 33             http://www.dice.com/job/result/90913415/WDSP_7868?src=19
## 34                  http://www.dice.com/job/result/10481287/46072?src=19
## 35                http://www.dice.com/job/result/10371930/741730?src=19
## 36                http://www.dice.com/job/result/amazon20/425329?src=19
## 37             http://www.dice.com/job/result/cybercod/JT7-131624539?src=19
## 38 http://www.dice.com/job/result/RTL308614/J3H80169KHG31THQ36J?src=19
## 39                http://www.dice.com/job/result/10118777/541973?src=19
## 40                 http://www.dice.com/job/result/10109347/49796?src=19
## 41              http://www.dice.com/job/result/10376101/gamobpm1?src=19
## 42                   http://www.dice.com/job/result/ndi/16-09155?src=19
## 43              http://www.dice.com/job/result/gentx001/16-07043?src=19
## 44              http://www.dice.com/job/result/globalin/NSHC-BSAL?src=19
## 45                http://www.dice.com/job/result/cxjudgpa/506501?src=19
## 46                  http://www.dice.com/job/result/uhgbot/684152?src=19
## 47                http://www.dice.com/job/result/90836871/747058?src=19
## 48                http://www.dice.com/job/result/amazonAWS/383081?src=19
## 49                http://www.dice.com/job/result/atrilogy/8167476?src=19
## 50          http://www.dice.com/job/result/10114401/MechMI201610?src=19
##                                                              jobTitle
## 1                          Application Development System Administrator
## 2                          NAC/CIS Continuous Monitoring (with ForeScout)
## 3                                              Engineer Software 3 (EDCSS)
## 4  Weblogic Consultant With Java Background Exp. at West Chester, PA
## 5                                          Salesforce Developer (Remote)
## 6            Senior CyberSecurity Design Consultant -- IL OR TX.....
```

```
## 7                          C/Unix Technical Lead & Developer
## 8                                        Software Engineer
## 9                            IT Compliance Associate Analyst
## 10                                    Software Developer 2 / 3
## 11                                        Software Engineer
## 12                         Senior Electrical Control Engineers
## 13              DevOps Cloud Support Engineer - Amazon Web Services
## 14      Sr IT Project ManagerPortfolio Management)- Immediate HIRE
## 15                                          Technical Writer
## 16                              GRC Security Administrator
## 17         Sr. Manager - CyberSecurity Architecture & Compliance
## 18                       ERP Support Manager - Sage MAS500
## 19                            Project Control Specialist
## 20                                          Perl developer
## 21                          Warehouse Maintenance Mechanic
## 22               Microsoft SQL Server Database Administrator
## 23                       Business Development Director (IoT)
## 24                            Database Architect / Engineer
## 25            Risk Project Manager - Enterprise Infrastructure
## 26         Electrical Project Engineer - Industrial Machinery
## 27                                        Software Engineer
## 28              Consumer Lending Decision System Analyst
## 29      DevOps / Release configuration Engineer - Interview in 48 hrs
## 30                                        PROJECT MANAGER 5
## 31             Senior Software Testing Specialist (ITC 1020)
## 32         Junior to mid-level Linux Systems Administrator
## 33                                            Web Developer
## 34                     Mid Level Embedded Systems Engineer
## 35                       Support Analyst/ Production Control
## 36                          Software Development Manager
## 37         Senior PHP Developer - Award-Winning Curriculum!
## 38                                    C#/ASP.Net Developer
## 39      SDET [Software Development Engineer in Test] C# or JAVA
## 40                              Senior Front End Engineer
## 41                   Project Manager - Mobile Applications
## 42                                          Server Engineer
## 43                                          DevOps Engineer
## 44                       Business Systems Analyst - Lead
## 45              Application Support Administrator for Training
## 46                    Senior Web Developer - Minnetonka, MN
## 47                              Microstrategy Developer
## 48              DevOps Cloud Support Engineer - Amazon Web Services
## 49                          QA Analyst with QTP & Selenium
## 50           Mechanical Engineer - ANC (Active Noise Control)
##                                    company              location
## 1                          Acumen, LLC        Burlingame, CA
## 2                    WWT Advanced Solutions          Raleigh, NC
## 3                     NORTHROP GRUMMAN            Omaha, NE
## 4                          Damco Group      West Chester, PA
## 5                    Randstad Technologies          Rocklin, CA
## 6                    Buckeye Global IT Inc      Richardson, TX
## 7                       Zoom Tech Corp        Parsippany, NJ
## 8                    Randstad Technologies            Cary, NC
## 9                        Agreatis, Inc.        New York, NY
```

```
## 10                            NORTHROP GRUMMAN         Gaithersburg, MD
## 11                              ConsultNet, LLC             Arlington, TX
## 12                                 Kforce Inc.               Tucson, AZ
## 13                                      Amazon               Dallas, TX
## 14                    Park Computer Systems, Inc          Sunnyvale, CA
## 15                                Genuent, LLC              Houston, TX
## 16                   Spinnaker Search Group LLC          Wilmington, DE
## 17                                 EDI Staffing        Benton Harbor, MI
## 18                                  CyberCoders          Manchester, NH
## 19                             TEKsystems, Inc.              Atlanta, GA
## 20                   Reliable Software Resources             Peoria, IL
## 21                    TECHstaff Resources, Inc.             syosset, NY
## 22                                        CSRA             Linwood, NJ
## 23                                Presidio LLC             Norcross, GA
## 24 Information Technology Engineering Corporation        Richardson, TX
## 25                            East End Resources          New York, NY
## 26                                  CyberCoders           Lone Tree, CO
## 27                                The CEI Group             Camden, NJ
## 28              SchoolsFirst Federal Credit Union            Tustin, CA
## 29                          TechSaga Corporation          Livermore, CA
## 30                                    Advantage           Charlotte, NC
## 31                Louisiana Economic Development         Bossier City, LA
## 32                                    VeriSign          Washington, DC
## 33                                Avacend, Inc.             maitland, FL
## 34                  Bentley Global Resources, LLC.         Galesburg, MI
## 35                  Data Systems Integration Group          columbus, OH
## 36                                      Amazon             Seattle, WA
## 37                                  CyberCoders          Pittsburgh, PA
## 38                         Dominion Enterprises           Ann Arbor, MI
## 39                                The HT Group              Austin, TX
## 40              TekPartners, A P2P Staffing Company           Irvine, CA
## 41                               GATE Staffing              Boston, MA
## 42                                      eclaro                cary, NC
## 43                                    Genesis10               Plano, TX
## 44                   Global Infotech Corporation        San Francisco, CA
## 45                              The Judge Group           Framingham, MA
## 46                            UnitedHealth Group           Minnetonka, MN
## 47                                    DataFactZ             Seattle, WA
## 48                                      Amazon               Dallas, TX
## 49                 Atrilogy Solutions Group, Inc.         Jersey City, NJ
## 50            Eminent Technology Solutions, Inc Farmington Hills, MI
##          date
## 1  2016-10-18
## 2  2016-09-28
## 3  2016-10-22
## 4  2016-10-21
## 5  2016-10-23
## 6  2016-10-21
## 7  2016-10-20
## 8  2016-10-23
## 9  2016-10-23
## 10 2016-10-22
## 11 2016-10-23
## 12 2016-10-22
```

```
## 13 2016-10-19
## 14 2016-10-21
## 15 2016-10-23
## 16 2016-10-18
## 17 2016-10-23
## 18 2016-10-23
## 19 2016-10-23
## 20 2016-10-13
## 21 2016-10-17
## 22 2016-10-23
## 23 2016-10-04
## 24 2016-10-23
## 25 2016-10-21
## 26 2016-10-23
## 27 2016-10-20
## 28 2016-10-12
## 29 2016-10-16
## 30 2016-10-23
## 31 2016-10-06
## 32 2016-10-23
## 33 2016-10-06
## 34 2016-10-07
## 35 2016-10-18
## 36 2016-10-19
## 37 2016-10-23
## 38 2016-10-23
## 39 2016-10-21
## 40 2016-10-23
## 41 2016-10-22
## 42 2016-10-21
## 43 2016-10-23
## 44 2016-10-21
## 45 2016-10-23
## 46 2016-10-23
## 47 2016-10-21
## 48 2016-10-23
## 49 2016-10-21
## 50 2016-10-14

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## 3              http://www.dice.com/job/result/ngitbot/16012143?src=19
## 4              http://www.dice.com/job/result/RTX10a021/4741205?src=19
## 5              http://www.dice.com/job/result/10116563/D160391?src=19
## 6                http://www.dice.com/job/result/10444819/TO537?src=19
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## 11 http://www.dice.com/job/result/10106525/24162772000006282?src=19
## 12        http://www.dice.com/job/result/kforcecx/ITWQG1559083?src=19
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## 34              http://www.dice.com/job/result/matrixga/117153?src=19
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## 50        http://www.dice.com/job/result/kforcecx/ITNRC1571945?src=19
```

```
##                                                                       jobTitle
## 1                                                     Business/Systems Analyst
## 2  Linux Systems Engineer Red Hat Pre-Production Test Trading Banking Finance New Jersey
## 3                                       Assured Boot Team - Software Engineer 4
## 4                                     Application Development System Administrator
## 5                                          QA/Testing - CICS, Manual Testing, TFS
## 6                                   Software Development Engineer - Visual Studio/C#
## 7                                   Data Modeler III - Business Intelligence Architect
## 8                                             Engineer RF Microwave Design 3
## 9                                                  Test Engineering Architect
## 10                                                 SW test c# c++ Windows
## 11                                                          VMware Architect
## 12                                       Lead Quality Assurance Software Tester
## 13                                            SOC DFT/DFD Engineer -6748
## 14                                    Automation Engineer - PowerShell experience!
## 15                                   SAP Ariba Senior Manager (SCM Capability)
## 16                                             Build Coordinator (Intlcrp)
## 17                                                   Sr. Project Manager
## 18                       Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 19                                                        Sr. QA Engineer
## 20                                                    Computer Engineer Job
## 21                                            Backup & Recovery Engineer...001
## 22                                        Professional: System Administrator
## 23                                          Enterprise Architect - Manager
## 24                                                     SSIS ETL Developer
## 25                                                   Programmer - Advanced
## 26                                             BUSINESS SYSTEMS CONSULTANT
## 27                                              Security Systems Engineer
## 28                            Oracle HCM Cloud (Fusion) Solution Engineer - USDC
## 29                                                Application Support Analyst
## 30                     SuccessFactors Functional Consultant - Solution Engineer USDC
## 31                                        Software Development Engineer of Test
## 32                                        Sr. Software Engineer, Dealer & OEM
## 33                                   SAP MDG Senior Manager (Technology Capability)
## 34                                          Associate Technician-Baseline (Net)
## 35                                                Engineer Aeronautical 2
## 36                                              Network Security Engineer
## 37                                                Senior Software Tester
## 38                     SAP Hybris Billing with RAR (Customer Capability) - Senior Consultant
## 39                                                      SharePoint Developer
## 40                                                Staff SQA Engineer (PanOS)
## 41                                     SAP PP - Manager (Supply Chain Capability)
## 42                                       Senior Programmer Analyst - Return Centers ~
## 43                       Test Data Engineer - Relaxed environment and awesome culture!
## 44                                             Vulnerability assessment testing
## 45                                                        Java Developer II
## 46                                                             UX Designer
## 47                                   Big Data Software Engineer / Data Architect III
## 48                                             Engineer Software 3 (EDCSS)
## 49                                   SAP Ariba Senior Manager (SCM Capability)
## 50                                                             Lead Analyst
##                          company             location        date
## 1                          Volt      Jersey City, NJ 2016-10-23
## 2               Joseph Harry Ltd       Parsippany, NJ 2016-10-07
```

```
## 3                     NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 4                          Acumen, LLC       Burlingame, CA 2016-10-18
## 5                                 SMCI          Phoenix, AZ 2016-10-21
## 6                          Davinci Tek      Murray Hill, NJ 2016-10-11
## 7                           Fannie Mae       Washington, DC 2016-10-23
## 8                     NORTHROP GRUMMAN        Baltimore, MD 2016-10-22
## 9                      The Judge Group         New York, NY 2016-10-23
## 10                    Systems Pros Inc.     Grand Rapids, MI 2016-10-12
## 11                            Deloitte           Dallas, TX 2016-10-23
## 12                         Kforce Inc.       Scottsdale, AZ 2016-10-22
## 13                       Xpeerant Inc.        San Diego, CA 2016-10-15
## 14                         CyberCoders        Watertown, MA 2016-10-23
## 15                            Deloitte          Detroit, MI 2016-10-23
## 16                          IntelliCorp        Beachwood, OH 2016-10-23
## 17                            Consultis   Fort Lauderdale, FL 2016-10-23
## 18 Enterprise Business Solutions Inc      Falls Church, VA 2016-10-07
## 19          Nextgen Technologies Inc.        Sunnyvale, CA 2016-10-21
## 20                               Itron        West Union, SC 2016-10-23
## 21              Robert Half Technology      Morrisville, NC 2016-10-23
## 22                                 CSC            Austin, TX 2016-10-23
## 23      Cognizant Technology Solutions        Hartford, CT 2016-10-23
## 24                    The Judge Group   Saint Petersburg, FL 2016-10-23
## 25                                Volt          Clemson, SC 2016-10-23
## 26                    Matrix Resources        Charlotte, NC 2016-10-23
## 27                              Amazon         Boardman, OR 2016-10-19
## 28                            Deloitte           McLean, VA 2016-10-23
## 29              Robert Half Technology       Chesapeake, VA 2016-10-23
## 30                            Deloitte           McLean, VA 2016-10-23
## 31                               Ciber          Seattle, WA 2016-10-23
## 32                            Cargurus        Cambridge, MA 2016-10-23
## 33                            Deloitte    San Francisco, CA 2016-10-23
## 34                    Matrix Resources     Fort Stockton, TX 2016-10-23
## 35                    NORTHROP GRUMMAN        San Diego, CA 2016-10-22
## 36              Robert Half Technology      Los Angeles, CA 2016-10-23
## 37                                UDig         Richmond, VA 2016-10-21
## 38                            Deloitte      Tallahassee, FL 2016-10-23
## 39                         Kforce Inc.         Oak Brook, IL 2016-10-22
## 40                  Palo Alto Networks       Santa Clara, CA 2016-10-23
## 41                            Deloitte          Chicago, IL 2016-10-23
## 42        Costco Wholesale Corporation         Issaquah, WA 2016-10-23
## 43                         CyberCoders             Boise, ID 2016-10-23
## 44                    Net2Source Inc.   FORT LAUDERDALE, FL 2016-10-20
## 45                      Nesco Resource       Fort Worth, TX 2016-10-21
## 46                   The Creative Group     Philadelphia, PA 2016-10-23
## 47                      The Judge Group      West Boston, MA 2016-10-23
## 48                    NORTHROP GRUMMAN            Omaha, NE 2016-10-22
## 49                            Deloitte         San Jose, CA 2016-10-23
## 50                         Kforce Inc.            Tampa, FL 2016-10-22

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## 3         http://www.dice.com/job/result/cybercod/JP10-132070320?src=19
## 4                http://www.dice.com/job/result/10122753/95158?src=19
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## 18               http://www.dice.com/job/result/nextgen/Lin_Adm?src=19
## 19               http://www.dice.com/job/result/10502868/646774?src=19
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## 47                       http://www.dice.com/job/result/TRIADTOR/009?src=19
## 48             http://www.dice.com/job/result/napil006/sZBSocanalyst?src=19
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## 50                    http://www.dice.com/job/result/msyca001/RKZ-4396?src=19
##                                                                     jobTitle
## 1                                                        Infrastructure Manager
## 2                                                         Batch Operations Lead
## 3       Principal Software Engineer - 5 Yrs Experience - Excellent Opp!
## 4                            Infor / Lawson M3 Logistics (LOG) Consultant
## 5                                                         Batch Operations Lead
## 6                            Senior Information Security Data Analyst
## 7                            Information Security Analyst / Engineer
## 8                                                     PeopleSoft HR Developer
## 9                                             Jr. Security Analyst/Engineer
## 10                                              Application Support Analyst
## 11                                                            Security Analyst
## 12                                              IT Security Analyst Level I
## 13                                              Software Engineer- C#, .Net
## 14                                                    Sr. Java EE Developer
## 15                            SQL DBA / SQL Database Adminostrator
## 16                                          Security Engineer (Splunk) Sr.
## 17                        Enterprise Information Security Test Lead
## 18                                                       Linux Administrator
## 19                                             Incident Response Analyst
## 20                                              CYBER SECURITY SPECIALIST
## 21                                              Senior Systems Engineer
## 22                                                            SQL Server DBA
## 23                        TIBCO Project Manager with MFT experience
## 24                                        Sales Engineer - Analytics/Boston
## 25              Senior & Junior Cyber Threat Defense Analyst
## 26                            IT - Security Consultant - Senior
## 27                                          SAP Business Analyst WM MM
## 28                                                        IT Security Analyst
## 29              Contract Network Security Operations Specialist
## 30                                          Product Support Specialist II
## 31                                                            Devops Engineer
## 32                                          Server Management requirement
## 33              Senior Enterprise Architect - Data Architecture
## 34                                                          Security Engineer
## 35                                          Information Security Analyst
## 36                            Security Operation Center Analyst
## 37                                                            System Engineer
## 38                                                          Process Engineer
## 39                                                        Sr. Java Developer
## 40                                                            Java Architect
## 41                                                    Log Analysis Specialist
## 42     Sr. Manager of National Network Security Engineering PCI, CPNI
## 43                            SoC Security Analyst/Specialist
```

144

```
## 44                                             Information Security Engineer
## 45                                          Senior Virtualization Engineer
## 46                              SR. QA/BA with Banking domain experience
## 47                                               Security Administrator
## 48                                                     Security Analyst
## 49    Dynamics AX Senior System/Security Admin/Global Implementation
## 50                                Batch Operations Support Consultant
##                                       company                 location         date
## 1                     SinglePoint Staffing, Inc.          Phoenix, AZ 2016-10-21
## 2                          Integrity Consulting           Durham, NC 2016-10-20
## 3                                   CyberCoders          Norwich, VT 2016-10-23
## 4                                          Ciber      New Orleans, LA 2016-10-23
## 5                                          Ciber           Durham, NC 2016-10-23
## 6                          Federal Reserve Bank          Chicago, IL 2016-10-23
## 7        Foundation Recruiting and Consulting        San Diego, CA 2016-10-17
## 8                              People Tech Group          Seattle, WA 2016-10-21
## 9                               WaveStrong, Inc.       Pleasanton, CA 2016-10-11
## 10                    ARGO Data Resources Corp.        Richardson, TX 2016-10-20
## 11                    Principle Solutions Group        Alpharetta, GA 2016-10-11
## 12                                 prosource.it          Houston, TX 2016-10-19
## 13                    APN Software Services, Inc        Santa Clara, CA 2016-10-21
## 14                     Request Technology, LLC            McLean, VA 2016-10-10
## 15                                 Luminous Tec        El Segundo, CA 2016-10-21
## 16                       Blue Canopy Group LLC        Washington, DC 2016-10-14
## 17                             Net2Source Inc.        Simi Valley, CA 2016-10-18
## 18                               Kyra Solutions          Orlando, FL 2016-10-21
## 19                               Tiro Security       Los Angeles, CA 2016-09-29
## 20                            5280 Solutions LLC          Lakewood, CO 2016-10-13
## 21          Atrilogy Solutions Group, Inc. Greenwood Village, CO 2016-10-21
## 22                                   PeerSource          Littleton, CO 2016-10-20
## 23                                  VDart, Inc.      New Orleans, LA 2016-10-21
## 24                    Tandem Recruiting Group           Boston, MA 2016-10-19
## 25                                    RKMC Inc.           Austin, TX 2016-10-07
## 26                                       Ascent          Horsham, PA 2016-10-23
## 27                                    Samsonite        Mansfield, MA 2016-09-29
## 28                             VALiNTRY Services          Orlando, FL 2016-10-23
## 29                            Long View Systems           Denver, CO 2016-10-13
## 30                    MorphoTrak - Anaheim (CA)              Anaheim 2016-10-23
## 31                           Blue Ocean Ventures           Austin, TX 2016-10-19
## 32                       Rang Technologies Inc.        Hollywood, FL 2016-09-27
## 33                          TMNA Services, LLC        Bala Cynwyd, PA 2016-09-27
## 34                                 TriNova, LLC         La Mirada, CA 2016-10-20
## 35                    Auburn Technical Svcs Group          New York, NY 2016-10-19
## 36                                        Ciber          Phoenix, AZ 2016-10-23
## 37                                       Derive        Scottsdale, AZ 2016-10-21
## 38                             Systems Pros Inc.        New Castle, DE 2016-10-12
## 39                     Request Technology, LLC            McLean, VA 2016-10-10
## 40                              nTech Solutions          Orlando, FL 2016-10-21
## 41                     SkyePoint Decisions, Inc.        Beltsville, MD 2016-10-21
## 42                                 TransTech LLC        Schaumburg, IL 2016-10-05
## 43                    APN Software Services, Inc          Andover, MA 2016-10-21
## 44                                    CroytenER          Merrimack, NH 2016-10-08
## 45                            Taurean Consulting        Las Vegas, NV 2016-10-10
## 46                              Rumba Solutions           detroit, MI 2016-10-21
```

```
## 47              Triad Technology Group     Portland, OR 2016-10-21
## 48            Request Technology, LLC        Detroit, MI 2016-10-20
## 49              ConsultantFriends.com      Glenview, IL 2016-10-19
## 50                       MSYS Inc.          Raleigh, NC 2016-10-21
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##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=understand+the+business+and+
##
## $resultItemList
##                                                        detailUrl
## 1   http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2            http://www.dice.com/job/result/10110305/738693?src=19
## 3            http://www.dice.com/job/result/10109948/742060?src=19
## 4           http://www.dice.com/job/result/RTX10a021/4741205?src=19
## 5         http://www.dice.com/job/result/appblok/1609_679864_0?src=19
## 6         http://www.dice.com/job/result/rhalfint/04600-123753?src=19
## 7    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 8           http://www.dice.com/job/result/10118015/PKI_BA_GA?src=19
## 9            http://www.dice.com/job/result/10110732/743967?src=19
## 10           http://www.dice.com/job/result/90579045/746160?src=19
## 11           http://www.dice.com/job/result/cxmodbma/682437?src=19
## 12     http://www.dice.com/job/result/10110426/VASF-MO-6143?src=19
## 13           http://www.dice.com/job/result/10110992/669266?src=19
## 14     http://www.dice.com/job/result/cybercod/RK1-13240836?src=19
## 15          http://www.dice.com/job/result/10414693/RS-4164?src=19
## 16          http://www.dice.com/job/result/RTX197508/635374?src=19
## 17   http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 18            http://www.dice.com/job/result/cxconmn/75544?src=19
## 19          http://www.dice.com/job/result/atrilogy/7155105A?src=19
## 20          http://www.dice.com/job/result/10115823/729057?src=19
## 21          http://www.dice.com/job/result/RTX1ba4fb/4725444?src=19
## 22         http://www.dice.com/job/result/10124153/SUN-11237?src=19
## 23         http://www.dice.com/job/result/paracomp/240631db?src=19
## 24            http://www.dice.com/job/result/apexsan/701488?src=19
## 25    http://www.dice.com/job/result/cybercod/DA3-131800525?src=19
## 26            http://www.dice.com/job/result/NM11535/735012?src=19
## 27           http://www.dice.com/job/result/10175336/747098?src=19
## 28          http://www.dice.com/job/result/10285720a/22442?src=19
## 29          http://www.dice.com/job/result/aseil001/730036?src=19
## 30            http://www.dice.com/job/result/cybersea/5599?src=19
```

```
## 31    http://www.dice.com/job/result/10124549/ML-FIREWALL-PA?src=19
## 32    http://www.dice.com/job/result/10121151/WI-DOC-WPA1027?src=19
## 33        http://www.dice.com/job/result/10114487/POS-1133?src=19
## 34            http://www.dice.com/job/result/infnj003/RV_03?src=19
## 35          http://www.dice.com/job/result/10516063/632028?src=19
## 36        http://www.dice.com/job/result/RTX17fa40/4637374?src=19
## 37          http://www.dice.com/job/result/10360765/NLBCR1?src=19
## 38      http://www.dice.com/job/result/10242490/CH-CONTENT?src=19
## 39         http://www.dice.com/job/result/matrixga/113029?src=19
## 40         http://www.dice.com/job/result/10273066/168513?src=19
## 41         http://www.dice.com/job/result/10412228/675018?src=19
## 42         http://www.dice.com/job/result/excell/16-82914?src=19
## 43   http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
## 44          http://www.dice.com/job/result/10452799/51214-GA?src=19
## 45     http://www.dice.com/job/result/10105424/5793845-821?src=19
## 46          http://www.dice.com/job/result/10116608/14945?src=19
## 47    http://www.dice.com/job/result/kforcecx/ITEQG1572362?src=19
## 48           http://www.dice.com/job/result/10122753/94534?src=19
## 49       http://www.dice.com/job/result/10429116/Protek-122?src=19
## 50        http://www.dice.com/job/result/10126196/16-00172?src=19
##                                                              jobTitle
## 1                                             Business/Systems Analyst
## 2                            Technical Business Analyst with BI Exp
## 3                                                         Project Lead
## 4                       Application Development System Administrator
## 5                                     Cloud Architect - Eden Prairie, MN
## 6                                                     Business Analyst
## 7               Data Modeler III - Business Intelligence Architect
## 8              PKI (Public Key Infrastructure) Analyst at Atlanta, GA
## 9                                             Sr Sitecore Web Developer
## 10          Oracle Identity and Access Management(5+years Only)..
## 11                                            SW test c# c++ Windows
## 12                                          Contracts Renewal Manager
## 13                                          SOC DFT/DFD Engineer -6748
## 14      Senior Power Electronics Engineer -- Innovation Award Winner
## 15                                      Mainframe Programmer Analyst
## 16                                          Business Systems Analyst
## 17            Technical Project Manager (REMOTE) APPLICATIONS
## 18                                              Sr. Project Manager
## 19                                      HRIS Business Systems Analyst
## 20 Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 21                             Associate Director-Design and Development
## 22                                                  Software Developer
## 23                                                 etmf support analyst
## 24                                                         Data Analyst
## 25                                      Business Intelligence Engineer
## 26                          Program Management And Engineering Leader
## 27                      Business Analyst--Healthcare--Long Beach CA
## 28                                              IT Project Coordinator
## 29                                              IT Portfolio Analyst
## 30                                                       WCS Architect
## 31                                                    Firewall Engineer
## 32                                        WebSphere Portal Administrator
## 33                                              PeopleSoft Test Manager
```

```
## 34                                             TeraData Developer
## 35                              SQL BI/ETL Developer - Canton, OH
## 36                                            Support Engineer 3
## 37                                      Crystal Reports Developer
## 38    Web Content Managers: Enhance a Nonprofits Website Pro Bono
## 39                                    BUSINESS SYSTEMS CONSULTANT
## 40                                            IT Project Manager
## 41                                          IT Operations manager
## 42                                            Level 1 Technical
## 43    Software Engineer - Programming, Blockchain Technology, bitcoin
## 44                                        Oracle DBA (Local Only)
## 45                                            Sr. Business Analyst
## 46                                            IT Specialist -14945
## 47                              Campaign Database Business Analyst
## 48                             Software Development Engineer of Test
## 49                                                  Salesforce SME
## 50                                            Project Manager Risk
##                                       company           location
## 1                                        Volt      Jersey City, NJ
## 2                                Aptude, Inc.        Green Bay, WI
## 3                                   INFOMATICS      Georgetown, KY
## 4                                 Acumen, LLC       Burlingame, CA
## 5                            UnitedHealth Group      Santa Ana, CA
## 6                         Robert Half Technology     Milwaukee, WI
## 7                                   Fannie Mae     Washington, DC
## 8                              First Tek, Inc.        Atlanta, GA
## 9                             UROOJ Corporation        Milford, CT
## 10                  Metafore Consulting Services         Groton, MA
## 11                            Systems Pros Inc.    Grand Rapids, MI
## 12                                Varite,  Inc.    Indianapolis, IN
## 13                               Xpeerant Inc.       San Diego, CA
## 14                                  CyberCoders          Chicago, IL
## 15              Magna Systems International, Inc.       Atlanta, GA
## 16                                  BillingTree         Phoenix, AZ
## 17                                    Advantage          Chicago, IL
## 18                                    Consultis Fort Lauderdale, FL
## 19                  Atrilogy Solutions Group, Inc.         Irvine, CA
## 20                Enterprise Business Solutions Inc    Falls Church, VA
## 21 The University of North Carolina at Chapel Hill    Chapel Hill, NC
## 22                          Enterprise Logic Inc.       Hillsboro, OR
## 23                        Paragon Solutions Inc.       Princeton, NJ
## 24                             Apex Systems, Inc          Richmond, VA
## 25                                  CyberCoders    Redwood City, CA
## 26                Concept Software & Services, Inc.        Atlanta, GA
## 27                        Sedna Consulting Group      Long Beach, CA
## 28                                 TAD PGS, Inc         Chantilly, VA
## 29                     Asen Computer Associates         Waukegan, IL
## 30                             Cybersearch, Ltd.           Austin, TX
## 31                             Atlantic Partners       Bethlehem, PA
## 32                     Chandra Technologies,  Inc.         Madison, WI
## 33                 ALTEK Information Technology, Inc    Washington, DC
## 34                        Infinity Tech Group Inc         San Jose, CA
## 35                TapRoot Recruiting Solutions, Inc.         Canton, OH
## 36                                  UnifyCloud          Redmond, WA
```

```
## 37                    Next Level Business Services, Inc.        Nashville, TN
## 38                              Taproot Foundation                Chicago, IL
## 39                              Matrix Resources               Charlotte, NC
## 40                            Teradata Corporation                  Dayton, OH
## 41                                       Uniqsoft  Woodcliff Lake, NJ
## 42                                         eXcell               Plano, TX
## 43                                    CyberCoders          Palo Alto, CA
## 44                    Paramount Software Solutions, Inc            Atlanta, GA
## 45                               TEKsystems, Inc.        Nashville, TN
## 46                              Camber Corporation      Fort Rucker, AL
## 47                                    Kforce Inc.             Detroit, MI
## 48                                          Ciber             Seattle, WA
## 49                              Pro-Tek Consulting   Mountain View, CA
## 50                                Shimento, Inc.          san ramon, CA
##          date
## 1  2016-10-23
## 2  2016-10-19
## 3  2016-10-21
## 4  2016-10-18
## 5  2016-10-23
## 6  2016-10-23
## 7  2016-10-23
## 8  2016-10-21
## 9  2016-10-21
## 10 2016-10-21
## 11 2016-10-12
## 12 2016-10-21
## 13 2016-10-15
## 14 2016-10-23
## 15 2016-10-03
## 16 2016-10-19
## 17 2016-10-23
## 18 2016-10-23
## 19 2016-10-21
## 20 2016-10-07
## 21 2016-10-17
## 22 2016-10-19
## 23 2016-10-21
## 24 2016-10-04
## 25 2016-10-23
## 26 2016-10-20
## 27 2016-10-23
## 28 2016-10-23
## 29 2016-10-17
## 30 2016-10-19
## 31 2016-10-21
## 32 2016-10-21
## 33 2016-10-21
## 34 2016-10-12
## 35 2016-10-23
## 36 2016-10-22
## 37 2016-10-21
## 38 2016-10-20
## 39 2016-10-23
```

```
## 40 2016-10-23
## 41 2016-10-21
## 42 2016-10-23
## 43 2016-10-23
## 44 2016-10-12
## 45 2016-10-23
## 46 2016-10-23
## 47 2016-10-22
## 48 2016-10-23
## 49 2016-10-21
## 50 2016-10-21

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 6849
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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Understanding+the+data&city=&
##
## $resultItemList
##                                                                    detailUrl
## 1   http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2               http://www.dice.com/job/result/90941044/2401?src=19
## 3            http://www.dice.com/job/result/10115700c/514062?src=19
## 4             http://www.dice.com/job/result/ccetx001/744146?src=19
## 5    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6            http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 7      http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 8       http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 9     http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 10           http://www.dice.com/job/result/10360631/736240?src=19
## 11           http://www.dice.com/job/result/10175336/747098?src=19
## 12          http://www.dice.com/job/result/10285720a/22442?src=19
## 13             http://www.dice.com/job/result/cybersea/5599?src=19
## 14           http://www.dice.com/job/result/10516063/632028?src=19
## 15         http://www.dice.com/job/result/RTX1ba594/4727297?src=19
## 16       http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 17           http://www.dice.com/job/result/aces/00020175051?src=19
## 18           http://www.dice.com/job/result/matrixga/113029?src=19
## 19           http://www.dice.com/job/result/10412228/675018?src=19
## 20     http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
## 21           http://www.dice.com/job/result/amazon20/383051?src=19
## 22                http://www.dice.com/job/result/ndi/564851?src=19
## 23           http://www.dice.com/job/result/10334594/815961?src=19
```

```
## 24                http://www.dice.com/job/result/matrixga/117153?src=19
## 25    http://www.dice.com/job/result/90739239/Prashant_DataC?src=19
## 26   http://www.dice.com/job/result/90769273/Tgdatascientist?src=19
## 27               http://www.dice.com/job/result/ngitbot/16018044?src=19
## 28          http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 29           http://www.dice.com/job/result/10111370/MSSXDBINY?src=19
## 30    http://www.dice.com/job/result/cybercod/RN2-131934622?src=19
## 31     http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
## 32              http://www.dice.com/job/result/10422157/735765?src=19
## 33                http://www.dice.com/job/result/10125226/5531?src=19
## 34                  http://www.dice.com/job/result/armada/7862?src=19
## 35                http://www.dice.com/job/result/cxcsc/2188700?src=19
## 36              http://www.dice.com/job/result/10457740/483409?src=19
## 37               http://www.dice.com/job/result/10441189/25458?src=19
## 38           http://www.dice.com/job/result/90881180/IZJPC0002?src=19
## 39               http://www.dice.com/job/result/apexsan/731257?src=19
## 40              http://www.dice.com/job/result/90833617/520008?src=19
## 41              http://www.dice.com/job/result/10287522/580167?src=19
## 42              http://www.dice.com/job/result/paracomp/MDMml?src=19
## 43     http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
## 44  http://www.dice.com/job/result/10466845/02710-0008857239?src=19
## 45     http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
## 46              http://www.dice.com/job/result/cxjudgpa/508966?src=19
## 47              http://www.dice.com/job/result/gatpa001/131419?src=19
## 48              http://www.dice.com/job/result/10121374/PB-SrQA?src=19
## 49              http://www.dice.com/job/result/10110894/SEV170?src=19
## 50              http://www.dice.com/job/result/msyca001/740342?src=19
## 
##                                                          jobTitle
## 1                                          Business/Systems Analyst
## 2                                                Wireless Engineer
## 3                                               Full Stack Developer
## 4                                                Big Data Consultant
## 5              Data Modeler III - Business Intelligence Architect
## 6                                                 Security Analyst
## 7                                     Solutions Architect - E-commerce
## 8                          Research Engineer - Python, Machine Learning,
## 9                                              Senior Data Engineer
## 10             Fullstack developer with big data Technologies
## 11                 Business Analyst--Healthcare--Long Beach CA
## 12                                            IT Project Coordinator
## 13                                                   WCS Architect
## 14                                 SQL BI/ETL Developer - Canton, OH
## 15                                              Senior Data Analyst
## 16       Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 17                                   Enterprise Architect - Manager
## 18                                     BUSINESS SYSTEMS CONSULTANT
## 19                                             IT Operations manager
## 20 Software Engineer - Programming, Blockchain Technology, bitcoin
## 21                                        Security Systems Engineer
## 22                                                       Oracle DBA
## 23                                    Clinical Annotator- data mining
## 24                                 Associate Technician-Baseline (Net)
## 25                                        Data Cap/FileNet Developer
## 26                                                     Data scientist
```

```
## 27                            Engineer Aeronautical 2
## 28                            Java / Big Data Developer
## 29           Developer Business Intelligence(**DIRECT CLIENT**)
## 30         Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 31    Test Data Engineer - Relaxed environment and awesome culture!
## 32                            Regional Account Executive
## 33                            Business Analyst I
## 34                            UI Architect
## 35                            .NET Developer
## 36         Senior Project Manager - Data Center Migrations
## 37                            Developer III - ETL
## 38                    .Net BigData Scala Developer
## 39                            Data Modeler
## 40             Army Aviation (AVN) Scenario Developer
## 41                            Solutions Architect
## 42 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 43                Data Scientist - JOIN A GROWING TEAM!
## 44                            Category Manager
## 45                            Data Scientist
## 46                        Manager, Data Engineering
## 47                Netezza Data Warehouse Senior DBA
## 48                            Senior QA Engineer
## 49                        Oracle PL/SQL Developer
## 50                    Big Data Integration Engineer
##                            company              location        date
## 1                             Volt      Jersey City, NJ 2016-10-23
## 2                  Wizard Staff, Inc          Irvine, CA 2016-10-17
## 3              Randstad Technologies          Austin, TX 2016-10-23
## 4              Automation Image Inc.        Irving, TX 2016-10-20
## 5                       Fannie Mae      Washington, DC 2016-10-23
## 6                      Tentek, Inc.         Seattle, WA 2016-09-30
## 7                         TeamSoft         Madison, WI 2016-10-21
## 8                       CyberCoders      San Mateo, CA 2016-10-23
## 9                            Agile         Atlanta, GA 2016-10-23
## 10                Neuro Systems Inc.      Sunnyvale, CA 2016-10-14
## 11            Sedna Consulting Group     Long Beach, CA 2016-10-23
## 12                     TAD PGS, Inc       Chantilly, VA 2016-10-23
## 13                 Cybersearch, Ltd.         Austin, TX 2016-10-19
## 14 TapRoot Recruiting Solutions, Inc.        Canton, OH 2016-10-23
## 15                          Infodym        Herndon, VA 2016-10-06
## 16                       CyberCoders  San Francisco, CA 2016-10-23
## 17     Cognizant Technology Solutions       Hartford, CT 2016-10-23
## 18                  Matrix Resources       Charlotte, NC 2016-10-23
## 19                          Uniqsoft  Woodcliff Lake, NJ 2016-10-21
## 20                       CyberCoders       Palo Alto, CA 2016-10-23
## 21                           Amazon        Boardman, OR 2016-10-19
## 22                           eclaro         atlanta, GA 2016-09-26
## 23             Javen Technologies, Inc  Taylorsville, UT 2016-10-19
## 24                  Matrix Resources   Fort Stockton, TX 2016-10-23
## 25       22nd Century Technologies, Inc.       Lansing,, MI 2016-10-21
## 26        Infogium Technologies, LLC      Charlotte, NC 2016-09-26
## 27                  NORTHROP GRUMMAN      San Diego, CA 2016-10-22
## 28              Xoriant Corporation        Bristol, CT 2016-10-21
## 29              XCEL Solutions Corp.        NEW YORK, NY 2016-10-23
```

```
## 30                            CyberCoders            Nashua, NH 2016-10-23
## 31                            CyberCoders             Boise, ID 2016-10-23
## 32                             PeerSource           Chicago, IL 2016-10-20
## 33                              JDC Group                       2016-10-23
## 34                       The Armada Group        Sunnyvale, CA 2016-10-23
## 35                                    CSC          Isabela, PR 2016-10-23
## 36                    David Kenneth Group        Annapolis, MD 2016-10-18
## 37                  Fidelis Care New York        Rochester, NY 2016-10-23
## 38                                   Zen3          Redmond, WA 2016-10-21
## 39                       Apex Systems, Inc         Roseland, NJ 2016-10-11
## 40           Louisiana Economic Development       Fort Polk, LA 2016-10-10
## 41                        HD Supply, Inc.          Atlanta, GA 2016-10-11
## 42                  Paragon Solutions Inc.        Cranford, NJ 2016-10-21
## 43                            CyberCoders        Cambridge, MA 2016-10-23
## 44                      The Creative Group     Saddle River, NJ 2016-10-23
## 45                        Mitchell Martin Long Island City, NY 2016-10-23
## 46                         The Judge Group       Burlington, MA 2016-10-23
## 47                                 Mastech Saint Petersburg, FL 2016-10-23
## 48              AAJ Interactive Technologies      Springfield, VA 2016-10-18
## 49                   Maxima Consulting Inc           Boston, MA 2016-10-20
## 50                              MSYS Inc.     San Francisco, CA 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 13501
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=SQL+skills&city=&text=&ip=&d:
##
## $resultItemList
##                                                       detailUrl
## 1              http://www.dice.com/job/result/10430885/704891?src=19
## 2   http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 3           http://www.dice.com/job/result/RTX10a021/4741205?src=19
## 4           http://www.dice.com/job/result/10115700c/514062?src=19
## 5            http://www.dice.com/job/result/10113218/14228?src=19
## 6            http://www.dice.com/job/result/10444819/TO537?src=19
## 7           http://www.dice.com/job/result/ccetx001/744146?src=19
## 8    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 9              http://www.dice.com/job/result/tgsnj/122149?src=19
## 10          http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 11          http://www.dice.com/job/result/10115700c/511704?src=19
## 12     http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 13       http://www.dice.com/job/result/appblok/2537_oDDO3fwR?src=19
```

```
## 14         http://www.dice.com/job/result/RTX197508/635374?src=19
## 15 http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 16    http://www.dice.com/job/result/cybercod/BW4-13240327?src=19
## 17          http://www.dice.com/job/result/10115823/729057?src=19
## 18          http://www.dice.com/job/result/solpart/AK-ASRD?src=19
## 19           http://www.dice.com/job/result/apexsan/701488?src=19
## 20        http://www.dice.com/job/result/RTL484689/1600552?src=19
## 21           http://www.dice.com/job/result/10105838/13574?src=19
## 22   http://www.dice.com/job/result/cybercod/DA3-131800525?src=19
## 23          http://www.dice.com/job/result/10472966/743083?src=19
## 24          http://www.dice.com/job/result/10299717/726574?src=19
## 25       http://www.dice.com/job/result/10124418/FDSDB52516?src=19
## 26           http://www.dice.com/job/result/cxcrstff/49784?src=19
## 27          http://www.dice.com/job/result/iconma/ENG23473?src=19
## 28          http://www.dice.com/job/result/amazon20/414776?src=19
## 29 http://www.dice.com/job/result/rhalfint/04130-9500205346?src=19
## 30            http://www.dice.com/job/result/infnj003/RV_03?src=19
## 31          http://www.dice.com/job/result/10516063/632028?src=19
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## 33        http://www.dice.com/job/result/10267000/95978206?src=19
## 34        http://www.dice.com/job/result/RTX17fa40/4637374?src=19
## 35        http://www.dice.com/job/result/veredus/1066165-743?src=19
## 36     http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 37         http://www.dice.com/job/result/10197369/JH518C#PL?src=19
## 38          http://www.dice.com/job/result/cxjudgpa/507793?src=19
## 39          http://www.dice.com/job/result/matrixga/113029?src=19
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## 41        http://www.dice.com/job/result/10452799/51214-GA?src=19
## 42     http://www.dice.com/job/result/kforcecx/ITEQG1572362?src=19
## 43 http://www.dice.com/job/result/rhalfint/04310-9500196638?src=19
## 44          http://www.dice.com/job/result/10506616/743224?src=19
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## 46            http://www.dice.com/job/result/trasys/741738?src=19
## 47          http://www.dice.com/job/result/amazon20/452728?src=19
## 48     http://www.dice.com/job/result/10286823/Oracle025038?src=19
## 49       http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 50     http://www.dice.com/job/result/kforcecx/ITEQG1561886?src=19
##                                                          jobTitle
## 1                                                          SQL DBA
## 2                                          Business/Systems Analyst
## 3                     Application Development System Administrator
## 4                                             Full Stack Developer
## 5                                              IT Business Analyst
## 6                 Software Development Engineer - Visual Studio/C#
## 7                                              Big Data Consultant
## 8              Data Modeler III - Business Intelligence Architect
## 9                                          IT Software Developer IV
## 10                                                 Security Analyst
## 11                                     Senior Application Developer
## 12                                    Solutions Architect - E-commerce
## 13                                                Reporting Analyst
## 14                                         Business Systems Analyst
## 15                 Technical Project Manager (REMOTE) APPLICATIONS
## 16                    .NET Software Developer - Asp.Net, C# and SQL
```

```
## 17    Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 18                                          SSRS Reports Developer Mid
## 19                                                        Data Analyst
## 20                                                 Computer Engineer Job
## 21                                                       Java Developer
## 22                                          Business Intelligence Engineer
## 23                                     Business Objects Architect / Lead role
## 24                                          Oracle Database Developer
## 25                                                  Jr. SQL Server DBA
## 26                                               SQL Developer- eDiscovery
## 27                              Production/Application Support Engineer
## 28                         Technical Program Manager, Core Engineering Team
## 29                                                    Software Engineer
## 30                                                    TeraData Developer
## 31                                          SQL BI/ETL Developer - Canton, OH
## 32                              Oracle PL/SQL Developer----only local to CO
## 33                                             Senior Developer/Architect
## 34                                                    Support Engineer 3
## 35                                                Java PL/SQL Developer
## 36                Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 37                                             Sr C# Project Leader
## 38                                                    SSIS ETL Developer
## 39                                          BUSINESS SYSTEMS CONSULTANT
## 40                                                    IT Operations manager
## 41                                                Oracle DBA (Local Only)
## 42                                     Campaign Database Business Analyst
## 43                                          Application Support Analyst
## 44                                                Sr. Java Web Developer
## 45 Senior Program Manager with Enterprise Storage experience need for 8
## 46                                                    help desk analyst
## 47                                          Technical Program Manager
## 48                         Database Technical Manager (Oracle 11g / 12c)
## 49                                             Java / Big Data Developer
## 50                                                    Liferay Consultant
##                              company              location       date
## 1              TekStream Solutions, LLC      Calverton, MD 2016-10-13
## 2                                  Volt      Jersey City, NJ 2016-10-23
## 3                           Acumen, LLC      Burlingame, CA 2016-10-18
## 4                  Randstad Technologies             Austin, TX 2016-10-23
## 5             CorSource Technology Group        VANCOUVER, WA 2016-10-21
## 6                            Davinci Tek       Murray Hill, NJ 2016-10-11
## 7                  Automation Image Inc.            Irving, TX 2016-10-20
## 8                            Fannie Mae      Washington, DC 2016-10-23
## 9           Tekmark Global Solutions LLC       New Albany, OH 2016-10-18
## 10                          Tentek, Inc.           Seattle, WA 2016-09-30
## 11                 Randstad Technologies                     OH 2016-10-23
## 12                              TeamSoft         Madison, WI 2016-10-21
## 13                    Marine Credit Union      La Crosse, WI 2016-10-23
## 14                            BillingTree          Phoenix, AZ 2016-10-19
## 15                             Advantage         Chicago, IL 2016-10-23
## 16                            CyberCoders      San Jose, CA 2016-10-23
## 17       Enterprise Business Solutions Inc     Falls Church, VA 2016-10-07
## 18                  Solution Partners, Inc.       Glenview, IL 2016-10-20
## 19                      Apex Systems, Inc         Richmond, VA 2016-10-04
```

```
## 20                             Itron        West Union, SC 2016-10-23
## 21           Rita Technology Services   St. Petersburg, FL 2016-10-21
## 22                        CyberCoders      Redwood City, CA 2016-10-23
## 23             Conquest IT Consulting        Providence, RI 2016-10-20
## 24   OPTiMO Information Technology LLC          Manassas, VA 2016-10-06
## 25 Systems Technology Group Inc. (STG)         Dearborn, MI 2016-10-16
## 26                               s.com         Stamford, CT 2016-10-21
## 27                              ICONMA         O Fallon, MO 2016-10-13
## 28                              Amazon           Newark, NJ 2016-10-19
## 29             Robert Half Technology          Houston, TX 2016-10-23
## 30             Infinity Tech Group Inc         San Jose, CA 2016-10-12
## 31    TapRoot Recruiting Solutions, Inc.         Canton, OH 2016-10-23
## 32             Cignus Solutions LLC            Denver, CO 2016-10-20
## 33                     Citizant, Inc.       Washington, DC 2016-10-23
## 34                          UnifyCloud          Redmond, WA 2016-10-22
## 35                             Veredus         Evanston, IL 2016-10-23
## 36                        CyberCoders     San Francisco, CA 2016-10-23
## 37         Hamilton Technical Personnel          Albany, NY 2016-10-23
## 38                    The Judge Group Saint Petersburg, FL 2016-10-23
## 39                    Matrix Resources        Charlotte, NC 2016-10-23
## 40                            Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 41    Paramount Software Solutions, Inc          Atlanta, GA 2016-10-12
## 42                        Kforce Inc.          Detroit, MI 2016-10-22
## 43             Robert Half Technology       Chesapeake, VA 2016-10-23
## 44                          Atika Tech        Milwaukee, WI 2016-10-19
## 45                         ZNA Infotek        Charlotte, NC 2016-10-21
## 46             Cohesion Consulting LLC        baltimore, MD 2016-10-18
## 47                              Amazon            Tempe, AZ 2016-10-19
## 48             Chatham Staffing, Inc.          Atlanta, GA 2016-10-23
## 49                 Xoriant Corporation         Bristol, CT 2016-10-21
## 50                         Kforce Inc.            Miami, FL 2016-10-22
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
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## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Basic+math+skills&city=&text=
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## $resultItemList
##                                                              detailUrl
## 1              http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2              http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 3                      http://www.dice.com/job/result/10115823/729057?src=19
```

```
## 4                          http://www.dice.com/job/result/amazon20/414776?src=19
## 5                       http://www.dice.com/job/result/10197369/JH518C#PL?src=19
## 6                     http://www.dice.com/job/result/kforcecx/ITEQG1572362?src=19
## 7                      http://www.dice.com/job/result/40001003/VG-SrPM-2318?src=19
## 8                     http://www.dice.com/job/result/kforcecx/ITEQG1572795?src=19
## 9                            http://www.dice.com/job/result/10125226/5531?src=19
## 10                 http://www.dice.com/job/result/cybercod/LP1-130822575?src=19
## 11                          http://www.dice.com/job/result/KANBAY/739795?src=19
## 12               http://www.dice.com/job/result/rhalfint/04310-9500200136?src=19
## 13                             http://www.dice.com/job/result/adtemo/6742?src=19
## 14                       http://www.dice.com/job/result/ngitbot/16020075?src=19
## 15                       http://www.dice.com/job/result/10205107/20161010?src=19
## 16 http://www.dice.com/job/result/10115339/CDC301A25B3ADDA4DEDA39A987F31102?src=19
## 17                          http://www.dice.com/job/result/KANBAY/729111?src=19
## 18                       http://www.dice.com/job/result/10118594/640705?src=19
## 19               http://www.dice.com/job/result/rhalfint/04010-0008854054?src=19
## 20                 http://www.dice.com/job/result/kforcecx/ITAQG1571148?src=19
## 21                      http://www.dice.com/job/result/10115700c/514806?src=19
## 22                 http://www.dice.com/job/result/kforcecx/ITEQG1572917?src=19
## 23             http://www.dice.com/job/result/10106525/24146312000007842?src=19
## 24                          http://www.dice.com/job/result/amazon20/410226?src=19
## 25                 http://www.dice.com/job/result/cybercod/CP3-130190076?src=19
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## 29               http://www.dice.com/job/result/rhalfint/01070-9500191839?src=19
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## 31                          http://www.dice.com/job/result/10119092/10141D?src=19
## 32                       http://www.dice.com/job/result/imssvs/12643X6635?src=19
## 33                          http://www.dice.com/job/result/amazon20/376647?src=19
## 34                          http://www.dice.com/job/result/sgainc/16-02893?src=19
## 35                          http://www.dice.com/job/result/amazon20/422373?src=19
## 36                            http://www.dice.com/job/result/srabot/2619920?src=19
## 37                          http://www.dice.com/job/result/jobeblok/899240?src=19
## 38               http://www.dice.com/job/result/rhalfint/03200-9500191186?src=19
## 39                          http://www.dice.com/job/result/matrixga/116760?src=19
## 40                          http://www.dice.com/job/result/10519203/731946?src=19
## 41                          http://www.dice.com/job/result/amazon20/450948?src=19
## 42                            http://www.dice.com/job/result/COSWA001/1465?src=19
## 43                       http://www.dice.com/job/result/10455909/16-03551?src=19
## 44                            http://www.dice.com/job/result/90780659/2937?src=19
## 45                       http://www.dice.com/job/result/RTX16d84d/717857?src=19
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## 48                            http://www.dice.com/job/result/90780659/3282?src=19
## 49                 http://www.dice.com/job/result/softwinc/Softworld_2221-180?src=19
## 50                          http://www.dice.com/job/result/10111101/BT02?src=19
##                                                                       jobTitle
## 1                                                       Business/Systems Analyst
## 2                                       Technical Project Manager (REMOTE) APPLICATIONS
## 3       Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 4                             Technical Program Manager, Core Engineering Team
## 5                                                          Sr C# Project Leader
## 6                                       Campaign Database Business Analyst
```

```
## 7    Senior Program Manager with Enterprise Storage experience need for 8
## 8                                    System Integration Technician II - DBA
## 9                                                        Business Analyst I
## 10        Digital Design Verification Lead - Ethernet -Start-up and More!
## 11                                                  Java Technical Architect
## 12                                                        Support Technician
## 13                                                Sr Infrastructure Engineer
## 14                                                     SW Engineer (I&T) 2/3
## 15                    OTL & Payroll Functional/Technical (2) positions
## 16                                     Technology Internship Program: Spring -17
## 17                                                   Oracle PL/SQL developer
## 18                                                        UNITY 3D Specialist
## 19                                                          Business Analyst
## 20                            Biometric Voice Implementation Engineer
## 21                    Data Engineer (Enterprise Integration): Minneapolis
## 22                                                            Project Manager
## 23                            OCM Mergers & Acquisitions (M&A) Manager
## 24    Senior Technical Program Manager - Military Community - Austin, TX
## 25                DevOps Engineer - Linux, MySQL, Python, shell script
## 26                                        Technical Support Specialist
## 27                                                          Business Analyst
## 28                                              Digital Marketing Specialist
## 29                                                    Systems Adminstrator
## 30                                                          DevOps Engineer
## 31                                                  User Experience Designer
## 32                                                       Sr. Java Developer
## 33                    Sr Systems Engineer - Build and Packaging Systems
## 34                                                COGNOS Reports Developer
## 35                                        Data Collection Support Engineer
## 36                        Microsoft SQL Server Database Administrator
## 37                                    Technical Analyst & Project Manager
## 38                        Business Intelligence Analyst---FULL TIME---
## 39                                          Sr. Survey Developer/Analyst
## 40                                          Sr. SAP HCM w. Success factor
## 41                                                        Workflow Analyst
## 42                        Splunk - Information Security Analyst ~
## 43                                                    Software Engineer - C#
## 44                                                Contractor - Data Analyst
## 45                                              Business Process Analyst
## 46                        Sr. UX Researcher - Kindle Products
## 47                                              Sr. Systems Developer-.NET
## 48                                              Business Support Analyst
## 49                                                    Sr Systems Engineer
## 50            Principal Consultant - Custom Application Development
##                                      company            location        date
## 1                                        Volt    Jersey City, NJ 2016-10-23
## 2                                    Advantage        Chicago, IL 2016-10-23
## 3          Enterprise Business Solutions Inc    Falls Church, VA 2016-10-07
## 4                                      Amazon          Newark, NJ 2016-10-19
## 5                Hamilton Technical Personnel        Albany, NY 2016-10-23
## 6                                Kforce Inc.        Detroit, MI 2016-10-22
## 7                                ZNA Infotek      Charlotte, NC 2016-10-21
## 8                                Kforce Inc.    Louisville, KY 2016-10-22
## 9                                  JDC Group                    2016-10-23
```

```
## 10                            CyberCoders             Pittsburgh, PA 2016-10-23
## 11                             Capgemini                Chicago, IL 2016-10-17
## 12               Robert Half Technology                Hampton, VA 2016-10-23
## 13                  Advantage Tech, Inc            Kansas City, MO 2016-10-23
## 14                     NORTHROP GRUMMAN                 Aurora, CO 2016-10-22
## 15              Empowered Solutions,Inc.               Houston, TX 2016-10-16
## 16               Capital Insurance Group                  Reno, NV 2016-10-19
## 17                             Capgemini          new york city, NY 2016-10-10
## 18                    Adi WorldLink, LLC                 Frisco, TX 2016-10-21
## 19               Robert Half Technology                 Frisco, TX 2016-10-23
## 20                          Kforce Inc.                 Dallas, TX 2016-10-22
## 21               Randstad Technologies             Minneapolis, MN 2016-10-23
## 22                          Kforce Inc.            Saint Louis, MO 2016-10-22
## 23                             Deloitte                 McLean, VA 2016-10-23
## 24                               Amazon                 Austin, TX 2016-10-19
## 25                          CyberCoders              Sunnyvale, CA 2016-10-23
## 26                          DAKCS/PDCflow                 Ogden, UT 2016-10-07
## 27              Princeton Information Ltd                 Tampa, FL 2016-10-23
## 28                    The Creative Group            Saint Louis, MO 2016-10-23
## 29               Robert Half Technology              Ft. Myers, FL 2016-10-23
## 30                       Experian Limited              Franklin, TN 2016-10-23
## 31                            ConsultUSA             Pittsburgh, PA 2016-10-21
## 32 IMS - International Management Systems                 Aurora, CO 2016-10-20
## 33                               Amazon                Seattle, WA 2016-10-19
## 34          Software Guidance & Assistance               Irving, TX 2016-10-23
## 35                               Amazon              Sunnyvale, CA 2016-10-19
## 36                                 CSRA                Linwood, NJ 2016-10-23
## 37              University of Notre Dame             Notre Dame, IN 2016-10-21
## 38               Robert Half Technology            Huntersville, NC 2016-10-23
## 39                     Matrix Resources                 Durham, NC 2016-10-23
## 40                  MAK Technologies, LLC          Jersey City, NJ 2016-10-12
## 41                               Amazon              Cambridge, MA 2016-10-19
## 42           Costco Wholesale Corporation             Issaquah, WA 2016-10-23
## 43                               Linium            Schenectady, NY 2016-10-23
## 44                    First Republic Bank          San Francisco, CA 2016-10-23
## 45                        DSFederal, Inc.              Rockville, MD 2016-09-29
## 46                               Amazon          San Francisco, CA 2016-10-19
## 47          Business Knowledge Services Greenwood Village, CO 2016-10-20
## 48                    First Republic Bank              New York, NY 2016-10-23
## 49                        Softworld Inc                Atlanta, GA 2016-10-23
## 50                             Neudesic                Chicago, IL 2016-10-20
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## [1] 1
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## $lastDocument
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159

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##                                                              detailUrl
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## 2            http://www.dice.com/job/result/10242490/CH-CONTENT?src=19
## 3           http://www.dice.com/job/result/10286823/Oracle025038?src=19
## 4         http://www.dice.com/job/result/cybercod/LP1-130822575?src=19
## 5                http://www.dice.com/job/result/10122753/94648?src=19
## 6               http://www.dice.com/job/result/10118594/640705?src=19
## 7               http://www.dice.com/job/result/10362164/039168?src=19
## 8         http://www.dice.com/job/result/10112156/GDH_37184-355?src=19
## 9              http://www.dice.com/job/result/10204393/18447BR?src=19
## 10               http://www.dice.com/job/result/citi4/16028694?src=19
## 11        http://www.dice.com/job/result/cybercod/RM-1197256174?src=19
## 12              http://www.dice.com/job/result/xorca001/717627?src=19
## 13               http://www.dice.com/job/result/10116608/14967?src=19
## 14             http://www.dice.com/job/result/atrilogy/8144826?src=19
## 15        http://www.dice.com/job/result/cybercod/KB2-131467545?src=19
## 16                  http://www.dice.com/job/result/10177425/111?src=19
## 17            http://www.dice.com/job/result/10415464/16-00171?src=19
## 18 http://www.dice.com/job/result/10380692/BHJOB10147_3276?src=19
## 19          http://www.dice.com/job/result/RTL471029/UNI0000N?src=19
## 20       http://www.dice.com/job/result/10371697M/1690556-989?src=19
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## 24              http://www.dice.com/job/result/10115152/745347?src=19
## 25            http://www.dice.com/job/result/10117909/MULE_VS?src=19
## 26              http://www.dice.com/job/result/kencobb/DSMVCA?src=19
## 27              http://www.dice.com/job/result/90956982/744028?src=19
## 28              http://www.dice.com/job/result/kencobb/FECINCI?src=19
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## 32       http://www.dice.com/job/result/10497589/SILVERLIGHT?src=19
## 33              http://www.dice.com/job/result/opensyst/31678?src=19
## 34        http://www.dice.com/job/result/cybercod/AW2-130813975?src=19
## 35              http://www.dice.com/job/result/10109532/727355?src=19
## 36              http://www.dice.com/job/result/10110992/707393?src=19
## 37     http://www.dice.com/job/result/CVTY/27745004279101331?src=19
## 38     http://www.dice.com/job/result/cybercod/RM-1168055198?src=19
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## 40              http://www.dice.com/job/result/10118015/736948?src=19
## 41              http://www.dice.com/job/result/RTL83235/693067?src=19
## 42              http://www.dice.com/job/result/RTX12a808/741028?src=19
## 43       http://www.dice.com/job/result/10124549/ML-NAVDEV-MI?src=19
## 44               http://www.dice.com/job/result/90806922/50318?src=19
## 45              http://www.dice.com/job/result/10111217/JDEMI8?src=19
## 46                http://www.dice.com/job/result/rec001/745260?src=19
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## 48         http://www.dice.com/job/result/10211501/000601?src=19
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## 50              http://www.dice.com/job/result/sis/40814?src=19
##                                                          jobTitle
## 1                                       SOC DFT/DFD Engineer -6748
## 2         Web Content Managers: Enhance a Nonprofits Website Pro Bono
## 3                          Database Technical Manager (Oracle 11g / 12c)
## 4   Digital Design Verification Lead - Ethernet -Start-up and More!
## 5                                             Business System Analyst
## 6                                                 UNITY 3D Specialist
## 7                     Senior Network Engineer - Charleston, SC - 30008
## 8                                            Senior Solutions Analyst
## 9                                                  Technology Lead - US
## 10          Web Application Developer with Java/JavaScript/HTML5
## 11        C++ Graphics / Rendering Software Engineer / DirectX 11
## 12       Network Security Anlayst(IDS/IPS,Sourcefire,SIEM,Cisco ASA)
## 13                  SharePoint Online Support Specialist - 14967
## 14                                             Senior Wifi Engineer
## 15  VP of Product Management - CyberSecurity, Information Security
## 16                                                  Tibco Developer
## 17                                          Lead Enterprise Architect
## 18                                            C++ Software Engineer
## 19                          Associate Systems Automation Engineer
## 20    Advanced Salesforce Admin - $60-70/hr - On Site - Houston, TX
## 21                          Sr. ETL Analyst with Informatica (W2 only)
## 22            Network Architect - Software Development Team
## 23                    Real Estate & Construction Project Manager
## 24                                                   Data Scientist
## 25                                                   MULE Architect
## 26                                          Desktop Support Engineer
## 27                                       Oracle BPM Technical Lead
## 28                     Computer Repair Field Service Engineer
## 29                                      Manager, Product Analytics
## 30                                          Research Data Analyst
## 31                             Senior Tableau Developer(FULL TIME)
## 32                              Silverlight Developer with C#-WPF
## 33                                        Python Quant Developer
## 34                    C#/.NET Architect - C#, .NET, ASP.NET
## 35                            Senior Business Intelligence Developer
## 36                                    Physical Design Engineer -7851
## 37                                                  Senior Engineer
## 38        C++ Graphics / Rendering Software Engineer / DirectX 11
## 39                              Sr Machine Learning Scientist
## 40                       Wi-Fi Lead Software Engineer at Novi MI
## 41                                     PERFORMANCE TEST ENGINEER
## 42                    Information Technology Security Engineer
## 43                                       Dynamics NAV Developer
## 44                                                Network Engineer
## 45                                        JD-Edwards E1 Developer
## 46        SAP APO Functional Analyst - Doylestown, PA. #23795
## 47        Oracle EBS Finance Analyst Consultant AR (#1072-MH2444)
## 48                              Sales Engineer/Developer- Virtual
## 49  Director of Public Sector Sales - Cyber Security, SaaS, Data
## 50                          Systems Engineer / Systems Integrator
```

```
##                                            company           location
## 1                                    Xpeerant Inc.      San Diego, CA
## 2                               Taproot Foundation        Chicago, IL
## 3                          Chatham Staffing, Inc.        Atlanta, GA
## 4                                     CyberCoders     Pittsburgh, PA
## 5                                           Ciber        Phoenix, AZ
## 6                              Adi WorldLink, LLC         Frisco, TX
## 7                              NexGen Data Systems     Charleston, SC
## 8                                  GDH Consulting Basking Ridge, NJ
## 9                                         Infosys        Atlanta, GA
## 10                                           Citi         Irving, TX
## 11                                    CyberCoders      Henderson, NV
## 12                             Xoriant Corporation      baltimore, MD
## 13                              Camber Corporation    San Antonio, TX
## 14                     Atrilogy Solutions Group, Inc.    Louisville, CO
## 15                                     CyberCoders     Providence, RI
## 16                          I.T. Software Solutions         Irving, TX
## 17                                 SwitchLane Inc.    Spartanburg, SC
## 18                                           eHire         Austin, TX
## 19                                      Prudential       Roseland, NJ
## 20                        Mason Frank International        Houston, TX
## 21                          CoreLogix Consulting Inc         herndon, VA
## 22                              LevelUp Force, LLC     Germantown, MD
## 23 The Guardian Life Insurance Company Of America      Bethlehem, PA
## 24                        Encore Software Services         Oakland, CA
## 25                            Tanisha Systems, Inc.      Charlotte, NC
## 26              IT Resource Solutions.net, Inc. Mountain View, CA
## 27                                   Agiletal, Inc.        Chicago, IL
## 28              IT Resource Solutions.net, Inc.     Cincinnati, OH
## 29                                         StubHub San Francisco, CA
## 30           The Childrens Hospital Of Philadelphia   Philadelphia, PA
## 31                       TekLink International Inc.        Detroit, MI
## 32                                        Intuites       New York, NY
## 33                        Open Systems Technologies       New York, NY
## 34                                     CyberCoders        Memphis, TN
## 35            Metro-Goldwyn-Mayer Studios Inc. Beverly Hills, CA
## 36                                    Xpeerant Inc.      San Diego, CA
## 37                                           Aetna        Phoenix, AZ
## 38                                     CyberCoders      Henderson, NV
## 39                                     CyberCoders     San Carlos, CA
## 40                                  First Tek, Inc.           Novi, MI
## 41                          Ultimate Software Group Ft Lauderdale, FL
## 42               Howard County Public School System Ellicott City, MD
## 43                               Atlantic Partners         Warren, MI
## 44                                  Butler America       Columbia, SC
## 45                                  Agreatis, Inc.        Lansing, MI
## 46                                            R121     Doylestown, PA
## 47                          Moorecroft Systems Inc.     Cincinnati, OH
## 48                                Castle Consulting          edison, NJ
## 49                                     CyberCoders     Washington, DC
## 50            SIS-Systems Integration Solutions, Inc.      Emeryville, CA
##             date
## 1   2016-10-15
## 2   2016-10-20
```

```
## 3  2016-10-23
## 4  2016-10-23
## 5  2016-10-23
## 6  2016-10-21
## 7  2016-10-07
## 8  2016-10-23
## 9  2016-10-23
## 10 2016-10-23
## 11 2016-10-23
## 12 2016-10-23
## 13 2016-10-23
## 14 2016-10-21
## 15 2016-10-23
## 16 2016-09-26
## 17 2016-10-21
## 18 2016-10-20
## 19 2016-10-23
## 20 2016-10-23
## 21 2016-10-17
## 22 2016-10-18
## 23 2016-10-23
## 24 2016-10-21
## 25 2016-10-21
## 26 2016-10-20
## 27 2016-10-19
## 28 2016-10-20
## 29 2016-10-23
## 30 2016-10-06
## 31 2016-10-21
## 32 2016-10-21
## 33 2016-10-17
## 34 2016-10-23
## 35 2016-10-20
## 36 2016-09-27
## 37 2016-10-21
## 38 2016-10-23
## 39 2016-10-23
## 40 2016-10-14
## 41 2016-10-21
## 42 2016-10-18
## 43 2016-10-21
## 44 2016-10-05
## 45 2016-10-23
## 46 2016-10-20
## 47 2016-10-21
## 48 2016-10-07
## 49 2016-10-23
## 50 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file
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## [1] 1
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## $lastDocument
## [1] 50
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## $resultItemList
##                                                             detailUrl
## 1   http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2             http://www.dice.com/job/result/ngitbot/16012143?src=19
## 3         http://www.dice.com/job/result/appblok/1609_679864_0?src=19
## 4            http://www.dice.com/job/result/10118015/PKI_BA_GA?src=19
## 5            http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 6             http://www.dice.com/job/result/10110992/669266?src=19
## 7   http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 8               http://www.dice.com/job/result/cxconmn/75544?src=19
## 9            http://www.dice.com/job/result/ngitbot/16022086?src=19
## 10           http://www.dice.com/job/result/10308566/376157?src=19
## 11          http://www.dice.com/job/result/RTX1ba594/4727297?src=19
## 12          http://www.dice.com/job/result/aces/00020175051?src=19
## 13  http://www.dice.com/job/result/cxvolt/J3L2DQ67H3GZMJ62GVZ?src=19
## 14  http://www.dice.com/job/result/rhalfint/04380-0008860308?src=19
## 15           http://www.dice.com/job/result/matrixga/113029?src=19
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## 17          http://www.dice.com/job/result/10412228/675018?src=19
## 18          http://www.dice.com/job/result/amazon20/383051?src=19
## 19  http://www.dice.com/job/result/rhalfint/04310-9500196638?src=19
## 20          http://www.dice.com/job/result/10126196/16-00172?src=19
## 21          http://www.dice.com/job/result/RTL404029/14345?src=19
## 22          http://www.dice.com/job/result/ngitbot/16014414?src=19
## 23      http://www.dice.com/job/result/10286823/Oracle025038?src=19
## 24          http://www.dice.com/job/result/ngitbot/16018044?src=19
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## 26            http://www.dice.com/job/result/COSWA001/1655?src=19
## 27  http://www.dice.com/job/result/10466845/03720-9500209995?src=19
## 28          http://www.dice.com/job/result/10125226/5531?src=19
## 29          http://www.dice.com/job/result/amazusret/449790?src=19
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## 31            http://www.dice.com/job/result/uhgbot/673053?src=19
## 32      http://www.dice.com/job/result/10115109/2016-7757CC?src=19
## 33          http://www.dice.com/job/result/ngitbot/16020768?src=19
## 34            http://www.dice.com/job/result/cxcsc/2188700?src=19
## 35     http://www.dice.com/job/result/cybercod/LP1-130822575?src=19
## 36 http://www.dice.com/job/result/10106525/24152742000005712?src=19
## 37          http://www.dice.com/job/result/10115700c/513314?src=19
## 38          http://www.dice.com/job/result/10113579/575833?src=19
## 39         http://www.dice.com/job/result/cxcnetut/16-03412?src=19
## 40            http://www.dice.com/job/result/10441189/25458?src=19
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```
## 41       http://www.dice.com/job/result/10109603/50951181?src=19
## 42        http://www.dice.com/job/result/matrixga/116738?src=19
## 43        http://www.dice.com/job/result/ngitbot/16020016?src=19
## 44 http://www.dice.com/job/result/rhalfint/04640-0008894316?src=19
## 45         http://www.dice.com/job/result/10111030/78202?src=19
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## 47       http://www.dice.com/job/result/10206626/8145672?src=19
## 48     http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
## 49 http://www.dice.com/job/result/10466845/02710-0008857239?src=19
## 50         http://www.dice.com/job/result/10115700c/489322?src=19
##                                                          jobTitle
## 1                                          Business/Systems Analyst
## 2                          Assured Boot Team - Software Engineer 4
## 3                                Cloud Architect - Eden Prairie, MN
## 4              PKI (Public Key Infrastructure) Analyst at Atlanta, GA
## 5                                                  Security Analyst
## 6                                        SOC DFT/DFD Engineer -6748
## 7                       Technical Project Manager (REMOTE) APPLICATIONS
## 8                                                 Sr. Project Manager
## 9              Aircraft Structural Analysis & Design Engineer with Secret
## 10                                             Systems Tester - Agile
## 11                                               Senior Data Analyst
## 12                                        Enterprise Architect - Manager
## 13                                              Programmer - Advanced
## 14                                                  Systems Engineer
## 15                                       BUSINESS SYSTEMS CONSULTANT
## 16                                                IT Project Manager
## 17                                              IT Operations manager
## 18                                          Security Systems Engineer
## 19                                        Application Support Analyst
## 20                                              Project Manager Risk
## 21                                                Software Engineer
## 22                                    GSSC Senior Mechanical Engineer (T4)
## 23                            Database Technical Manager (Oracle 11g / 12c)
## 24                                            Engineer Aeronautical 2
## 25                                       Senior Business Analyst (9098)
## 26                       Senior Programmer Analyst - Return Centers ~
## 27                                                       UX Designer
## 28                                                Business Analyst I
## 29           Software Development Engineer | Amazon Exports & Expansion
## 30                                          Engineer Software 3 (EDCSS)
## 31                                     Technical Architect - Java/J2EE
## 32                                             Senior XML Developer
## 33                                    Cyber Info Assurance Analyst 2
## 34                                                    .NET Developer
## 35 Digital Design Verification Lead - Ethernet -Start-up and More!
## 36                                     SAP ABAP/PI Solution Engineer
## 37                                            Senior Network Engineer
## 38                                                  Tableau Developer
## 39                                            MicroStrategy Developer
## 40                                             Developer III - ETL
## 41                                            Systems Administrator
## 42                                     BUSINESS SYSTEMS CONSULTANT 4
## 43                                                  Storage Engineer
```

```
## 44                                     Project Manager/Sr. Consultant
## 45                                                        C Developer
## 46               Structural Analysis Engineer 4 - Composites
## 47                                            Senior Design Engineer
## 48                       Data Scientist - JOIN A GROWING TEAM!
## 49                                                   Category Manager
## 50                                     Salesforce Developer (Remote)
##                                                             company
## 1                                                                Volt
## 2                                                    NORTHROP GRUMMAN
## 3                                                  UnitedHealth Group
## 4                                                    First Tek, Inc.
## 5                                                       Tentek, Inc.
## 6                                                       Xpeerant Inc.
## 7                                                          Advantage
## 8                                                           Consultis
## 9                                                    NORTHROP GRUMMAN
## 10                                                  K3 Solutions LLC
## 11                                                            Infodym
## 12                       Cognizant Technology Solutions
## 13                                                                Volt
## 14                                            Robert Half Technology
## 15                                                    Matrix Resources
## 16                                              Teradata Corporation
## 17                                                            Uniqsoft
## 18                                                              Amazon
## 19                                            Robert Half Technology
## 20                                                    Shimento, Inc.
## 21                                                  Sage Software, Inc.
## 22                                                    NORTHROP GRUMMAN
## 23                                            Chatham Staffing, Inc.
## 24                                                    NORTHROP GRUMMAN
## 25                                                    Radiansys, Inc.
## 26                             Costco Wholesale Corporation
## 27                                              The Creative Group
## 28                                                        JDC Group
## 29                                                              Amazon
## 30                                                    NORTHROP GRUMMAN
## 31                                                  UnitedHealth Group
## 32                                                  Squires Group, Inc
## 33                                                    NORTHROP GRUMMAN
## 34                                                                CSC
## 35                                                        CyberCoders
## 36                                                            Deloitte
## 37                                              Randstad Technologies
## 38                                              Matlen Silver Group
## 39                                                    ConsultNet, LLC
## 40                                              Fidelis Care New York
## 41 American Family Life Assurance Company of Columbus
## 42                                                    Matrix Resources
## 43                                                    NORTHROP GRUMMAN
## 44                                            Robert Half Technology
## 45                                                          TransUnion
## 46                                                    NORTHROP GRUMMAN
```

166

```
## 47                                              TargetCW
## 48                                            CyberCoders
## 49                                      The Creative Group
## 50                                  Randstad Technologies
##                        location       date
## 1           Jersey City, NJ 2016-10-23
## 2   Annapolis Junction, MD 2016-10-22
## 3             Santa Ana, CA 2016-10-23
## 4               Atlanta, GA 2016-10-21
## 5               Seattle, WA 2016-09-30
## 6             San Diego, CA 2016-10-15
## 7               Chicago, IL 2016-10-23
## 8       Fort Lauderdale, FL 2016-10-23
## 9         Redondo Beach, CA 2016-10-22
## 10         College Park, MD 2016-10-04
## 11              Herndon, VA 2016-10-06
## 12             Hartford, CT 2016-10-23
## 13              Clemson, SC 2016-10-23
## 14                Plano, TX 2016-10-23
## 15            Charlotte, NC 2016-10-23
## 16               Dayton, OH 2016-10-23
## 17       Woodcliff Lake, NJ 2016-10-21
## 18             Boardman, OR 2016-10-19
## 19           Chesapeake, VA 2016-10-23
## 20             san ramon, CA 2016-10-21
## 21              Atlanta, GA 2016-10-23
## 22             Hill Afb, UT 2016-10-22
## 23              Atlanta, GA 2016-10-23
## 24            San Diego, CA 2016-10-22
## 25            San Ramon, CA 2016-10-21
## 26             Issaquah, WA 2016-10-23
## 27         Philadelphia, PA 2016-10-23
## 28                          2016-10-23
## 29               Austin, TX 2016-10-23
## 30                Omaha, NE 2016-10-22
## 31                Hyderabad 2016-10-23
## 32           Washington, DC 2016-10-19
## 33             Palmdale, CA 2016-10-22
## 34              Isabela, PR 2016-10-23
## 35           Pittsburgh, PA 2016-10-23
## 36              Orlando, FL 2016-10-23
## 37          San Antonio, TX 2016-10-23
## 38            Charlotte, NC 2016-10-21
## 39               Irving, TX 2016-10-23
## 40            Rochester, NY 2016-10-23
## 41             Columbus, GA 2016-10-23
## 42           Des Moines, IA 2016-10-23
## 43              Fairfax, VA 2016-10-22
## 44          Baton Rouge, LA 2016-10-23
## 45              Chicago, IL 2016-10-23
## 46            Melbourne, FL 2016-10-22
## 47            San Diego, CA 2016-10-23
## 48            Cambridge, MA 2016-10-23
## 49         Saddle River, NJ 2016-10-23
```

```
## 50               Rocklin, CA 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 41
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## $resultItemList
##                                                                    detailUrl
## 1                        http://www.dice.com/job/result/10118594/640705?src=19
## 2                   http://www.dice.com/job/result/cybercod/RM-1197256174?src=19
## 3                       http://www.dice.com/job/result/501508624/727459?src=19
## 4                     http://www.dice.com/job/result/10497589/SILVERLIGHT?src=19
## 5                        http://www.dice.com/job/result/opensyst/31678?src=19
## 6                   http://www.dice.com/job/result/cybercod/RM-1168055198?src=19
## 7                   http://www.dice.com/job/result/10119262/BBBH10319-934?src=19
## 8                        http://www.dice.com/job/result/10207278/Exp_7014?src=19
## 9   http://www.dice.com/job/result/cybercod/SJ2-HeadOfAnalytics-1020165?src=19
## 10                       http://www.dice.com/job/result/10109928/677421?src=19
## 11                  http://www.dice.com/job/result/cybercod/SS7-131793032?src=19
## 12                  http://www.dice.com/job/result/cybercod/RM-1197252174?src=19
## 13                       http://www.dice.com/job/result/10188947/654074?src=19
## 14                       http://www.dice.com/job/result/10114838/739409?src=19
## 15                       http://www.dice.com/job/result/napil006/JWTC++?src=19
## 16                  http://www.dice.com/job/result/cybercod/RC2-130790241?src=19
## 17                       http://www.dice.com/job/result/10341964/556699?src=19
## 18                       http://www.dice.com/job/result/10239446/4739452?src=19
## 19                       http://www.dice.com/job/result/10117979/162114?src=19
## 20                        http://www.dice.com/job/result/10123851/4934?src=19
## 21                  http://www.dice.com/job/result/cybercod/CS9-131119361?src=19
## 22                 http://www.dice.com/job/result/10110568/CN20160206-1215?src=19
## 23                  http://www.dice.com/job/result/cybercod/RK6-131924426?src=19
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## 25                       http://www.dice.com/job/result/10239446/4739481?src=19
## 26                       http://www.dice.com/job/result/10117979/162113?src=19
## 27                  http://www.dice.com/job/result/cybercod/RM-1168049197?src=19
## 28                       http://www.dice.com/job/result/90752961/717937?src=19
## 29                       http://www.dice.com/job/result/insysus/16-02779?src=19
## 30                        http://www.dice.com/job/result/10122753/93768?src=19
## 31                       http://www.dice.com/job/result/10197369/AScplus?src=19
## 32                       http://www.dice.com/job/result/10489602/723380?src=19
## 33                 http://www.dice.com/job/result/COMSYSD/FOX_11174911-122?src=19
## 34                        http://www.dice.com/job/result/10122753/94753?src=19
## 35                       http://www.dice.com/job/result/10310739/706450?src=19
## 36                        http://www.dice.com/job/result/10122051/4723?src=19
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## 37                     http://www.dice.com/job/result/10178258/732077?src=19
## 38                     http://www.dice.com/job/result/90833617/701919?src=19
## 39                     http://www.dice.com/job/result/10197369/ASj-mJava?src=19
## 40                     http://www.dice.com/job/result/10188947/837527?src=19
## 41                     http://www.dice.com/job/result/10488885/635787?src=19
##                                                                       jobTitle
## 1                                                        UNITY 3D Specialist
## 2                    C++ Graphics / Rendering Software Engineer / DirectX 11
## 3                                                       Research Data Analyst
## 4                                              Silverlight Developer with C#-WPF
## 5                                                       Python Quant Developer
## 6                    C++ Graphics / Rendering Software Engineer / DirectX 11
## 7                                                                  CTR Analyst
## 8                                                               Audio Engineer
## 9                     Head of Data Analytics - use big data for the greater good!
## 10                                                Quantitative Developer - ETF
## 11                          Senior Game Engine Developer - Indie Game Developer
## 12         Senior C++ / Computational Geometry Software Engineer / 3D Math
## 13                                              Rendering Software Engineer
## 14                                            Account Operations Specialist
## 15                                                            C++ Developer
## 16                                                   Unity3D Mobile Engineer
## 17                        //CA-Bay Area//  DATA SCIENTIST [ No C2C- 00 ]
## 18                                                          SQL Data Analyst
## 19                                                          Datalab Engineer
## 20                                              3D Graphics Programmer (4934)
## 21                                              Senior Structural Engineer -
## 22                        Software Engineer - Java, C/C++(With TS/SCI)
## 23                        Software Engineer - High technology gaming company!
## 24                                                    Workforce Management
## 25                                                            SQL Developer
## 26                                                            Data Scientist
## 27               Senior C++ / Computational Geometry Software Engineer
## 28                                Prototype Manual Machinist entry level
## 29                                            AML Optimization Statistician
## 30                                                            Data Engineer
## 31 Senior C++/Linux Programmer with Strong Math - Exceptional Career Opportunity
## 32                                Senior C++ Physics Modeling Engineer
## 33                                            Marketing Operations Advisor
## 34                                                            .Net Developer
## 35                                Actuary Analyst  - Full Time role
## 36                          Fraud and Abuse Investigator - Analytics
## 37                          Search Software Engineer - Federal Project
## 38                                                        Big Data Engineer
## 39               C++ or Java Programmer - MS or PhD - Exceptional Career Op
## 40                                                        Software Engineer
## 41                                                    Senior .Net Developer
##                             company              location         date
## 1                    Adi WorldLink, LLC        Frisco, TX 2016-10-21
## 2                            CyberCoders     Henderson, NV 2016-10-23
## 3   The Childrens Hospital Of Philadelphia  Philadelphia, PA 2016-10-06
## 4                              Intuites      New York, NY 2016-10-21
## 5             Open Systems Technologies     New York, NY 2016-10-17
## 6                            CyberCoders     Henderson, NV 2016-10-23
```

169

```
## 7                       Bayside Solutions           San Ramon, CA 2016-10-23
## 8                            ExpInfo Inc.             Redmond, WA 2016-10-20
## 9                             CyberCoders       San Francisco, CA 2016-10-23
## 10                            GMS Advisors           New York, NY 2016-10-14
## 11                            CyberCoders       San Francisco, CA 2016-10-23
## 12                            CyberCoders           Henderson, NV 2016-10-23
## 13                       Vectorworks, Inc.            Columbia, MD 2016-09-26
## 14                       Hire Velocity, LLC            Phoenix, AZ 2016-10-17
## 15                   Request Technology, LLC           Chicago, IL 2016-10-10
## 16                            CyberCoders       San Francisco, CA 2016-10-23
## 17                                     PMC             Belmont, CA 2016-10-21
## 18                                     SPI          Broomfield, CO 2016-10-17
## 19                        Experian Limited           San Diego, CA 2016-10-23
## 20             Embedded Resource Group, Inc  San Francisco, CA 2016-10-21
## 21                            CyberCoders            Elkridge, MD 2016-10-23
## 22                      Harris Corporation              Aurora, CO 2016-09-28
## 23                            CyberCoders              Dallas, TX 2016-10-23
## 24                         Concourse Group Farmington Hills, MI 2016-10-18
## 25                                     SPI          Broomfield, CO 2016-10-17
## 26                        Experian Limited           San Diego, CA 2016-10-23
## 27                            CyberCoders           Henderson, NV 2016-10-23
## 28                                   Sedaa            Petaluma, CA 2016-10-12
## 29                             INSYS Group               Tampa, FL 2016-10-12
## 30                                   Ciber             Pontiac, MI 2016-10-23
## 31             Hamilton Technical Personnel        Jersey City, NJ 2016-10-23
## 32                                 ENTEGEE          Burlington, MA 2016-10-04
## 33                                 Experis             Atlanta, IL 2016-10-23
## 34                                   Ciber             Phoenix, AZ 2016-10-23
## 35                   Vertex Solutions Inc.            Richmond, VA 2016-10-21
## 36                  1199SEIU Family of Funds                NY, NY 2016-09-27
## 37                        The Midtown Group           Rockville, MD 2016-10-14
## 38            Louisiana Economic Development         Lafayette, LA 2016-10-21
## 39             Hamilton Technical Personnel            Stamford, CT 2016-10-23
## 40                       Vectorworks, Inc.             Atlanta, GA 2016-09-26
## 41       American Technology Consulting LLC              Dallas, TX 2016-10-11
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## $lastDocument
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## 2 http://www.dice.com/job/result/10109811/DECMMCBDSCCA?src=19
```

```
## 3       http://www.dice.com/job/result/insysus/16-02779?src=19
##                          jobTitle                    company        location
## 1     Senior Statistical Analyst Technology Consulting Inc.  Louisville, KY
## 2    Big Data Engineer/Scientist          DCM Data Systems Santa Clara, CA
## 3 AML Optimization Statistician                INSYS Group       Tampa, FL
##          date
## 1 2016-10-10
## 2 2016-10-21
## 3 2016-10-12

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $lastDocument
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##
## $resultItemList
##                                                    detailUrl
## 1      http://www.dice.com/job/result/cybercod/CH-13249314?src=19
## 2             http://www.dice.com/job/result/10426794/2808s?src=19
## 3              http://www.dice.com/job/result/STAFGA/706391?src=19
## 4             http://www.dice.com/job/result/cybrthnk/KT001?src=19
## 5    http://www.dice.com/job/result/buxton/Bd_Java_Backend?src=19
## 6            http://www.dice.com/job/result/90940817/483828?src=19
## 7            http://www.dice.com/job/result/10509774/11600?src=19
## 8          http://www.dice.com/job/result/RTX1614e3/4738183?src=19
## 9            http://www.dice.com/job/result/10111699/280477?src=19
## 10   http://www.dice.com/job/result/cybercod/EN1-132044123?src=19
## 11      http://www.dice.com/job/result/gloga001/RK-Javaperm?src=19
## 12           http://www.dice.com/job/result/10125322/53478?src=19
## 13           http://www.dice.com/job/result/10477872/670261?src=19
## 14           http://www.dice.com/job/result/90688978/109893?src=19
## 15            http://www.dice.com/job/result/10122941/6882?src=19
## 16           http://www.dice.com/job/result/90956982/744028?src=19
## 17           http://www.dice.com/job/result/10110759/438316?src=19
## 18            http://www.dice.com/job/result/10190416/14834?src=19
## 19          http://www.dice.com/job/result/RTX15a538/861790?src=19
## 20           http://www.dice.com/job/result/90719156/736847?src=19
## 21           http://www.dice.com/job/result/10531029/008913?src=19
## 22           http://www.dice.com/job/result/10239619/3070BH?src=19
## 23           http://www.dice.com/job/result/amznnafc/454267?src=19
## 24           http://www.dice.com/job/result/10378739/739454?src=19
## 25   http://www.dice.com/job/result/10522368/1005389264616?src=19
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```
## 26  http://www.dice.com/job/result/cybercod/JD6-1238190145?src=19
## 27    http://www.dice.com/job/result/xorca001/JavaArc1003?src=19
## 28          http://www.dice.com/job/result/10190416/14699?src=19
## 29           http://www.dice.com/job/result/10117699/0001?src=19
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## 31         http://www.dice.com/job/result/10126196/609677?src=19
## 32         http://www.dice.com/job/result/10426794/2808a?src=19
## 33           http://www.dice.com/job/result/10198577/asdf?src=19
## 34         http://www.dice.com/job/result/10114049/637939?src=19
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## 36         http://www.dice.com/job/result/10481347/714531?src=19
## 37         http://www.dice.com/job/result/10285482/649829?src=19
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## 39         http://www.dice.com/job/result/10125211/HHEngII?src=19
## 40      http://www.dice.com/job/result/infotx/IVVZJAVA0331?src=19
## 41         http://www.dice.com/job/result/10204393/18454BR?src=19
## 42      http://www.dice.com/job/result/10114049/ram@Drools?src=19
## 43 http://www.dice.com/job/result/10216777/B_DevORAjava_WA?src=19
## 44          http://www.dice.com/job/result/mirage/728305?src=19
## 45 http://www.dice.com/job/result/10380692/BHJOB10147_3236?src=19
## 46         http://www.dice.com/job/result/70000139/355919?src=19
## 47  http://www.dice.com/job/result/cybercod/KB2-130960468?src=19
## 48         http://www.dice.com/job/result/10111244/744743?src=19
## 49          http://www.dice.com/job/result/10123917/37915?src=19
## 50         http://www.dice.com/job/result/10366547/620038?src=19
##                                                                jobTitle
## 1                       Java Architect - Software Architecture, Java, J2EE
## 2                                              Sr. .NET Developer w/MVC
## 3                                              Principal Java Developer
## 4                        Sr. .Net Developer for Princeton, NJ - Long term
## 5                                                     Sr Java Developer
## 6           Sr. Java /J2EE Developer - Urgent Need Local to NJ area Preferred
## 7                                            Ruby Developer - Contract - MN
## 8                                                   PHP and Java Developer
## 9                                                        Sr Java Developer
## 10          IVR Developer - Knowledge of Telecom services and processes, Sol
## 11                                                          Java Developer
## 12                                                 Applications Programmer
## 13                                             Tech Lead/ Solution Architect
## 14                                                     Solutions Architect
## 15                                                    C# Angular Developer
## 16                                              Oracle BPM Technical Lead
## 17                                              IOS Application Developer
## 18                                              Senior Software Engineer
## 19                       Senior Software Engineer - Asp.Net Server Side
## 20                                                 Sr Core Java Developer
## 21                                            .NET Software Engineer - Carlsbad
## 22                                       Sr. Java/J2EE, Web Services Developer
## 23                                                          Data Engineer
## 24                                                          JAVA with GWT
## 25                                       Ruby on Rails and Angular.JS Developer
## 26                                       Junior Java Developer - GAMING INDUSTRY!
## 27                                              Software Architect (Java)
## 28                                       Senior Manager, Omnichannel Platform
```

```
## 29                                                    Backend Java Developer
## 30                                                       Software Engineer
## 31                                                         Java Developer
## 32                                                       Sr. .NET Developer
## 33                                                          AWS Architect
## 34 Java/J2EE Developer with Camel Integration,Spring Framework exp-Raleigh, NC
## 35                                                    Senior Software Engineer
## 36                                                       Software Architect
## 37                                                          PHP Developer
## 38                                                       IIB (WMB) Arch/Lead
## 39                                                       Software Engineer II
## 40                                                Sr. Java Developer (ESB/Camel/Fuse)
## 41                                                       Technology Lead - US
## 42                                                    Java Developer with Drools
## 43       Sr Software Developer (UI, Oracle, OOP, Java, AJAX, HTML5, CSS3, Design)
## 44                            Java Frontend Applications Programmer_2 Positions
## 45                                                Sr .Net / C# Software Engineer
## 46                                                SAP FICO Revenue Recognition Canada
## 47                                                Director of Product Management - iPaaS
## 48                                                    Director Product Management
## 49                                                    Big Data Solution Architect
## 50            Perception Software Engineer (autonomous vehicle startup, up to $180k)
##                                     company          location        date
## 1                                  CyberCoders San Francisco, CA 2016-10-23
## 2                                Talus Partners    Springfield, MA 2016-10-19
## 3                          Staffing Technologies        Addison, TX 2016-10-20
## 4                              cyberThink, Inc.      Princeton, NJ 2016-10-20
## 5                              Buxton Consulting       San Jose, CA 2016-10-23
## 6                              Info Services LLC       Somerset, NJ 2016-09-28
## 7                             Star Collaborative      Richfield, MN 2016-10-18
## 8                     Blue Media Ventures, Inc.       Glendale, CA 2016-10-17
## 9                                 Synechron Inc.          Plano, TX 2016-10-05
## 10                                  CyberCoders      Richmond, VA 2016-10-23
## 11         Global Software Development Services       Atlanta, GA 2016-10-17
## 12                            Visual Consultants        Raleigh, NC 2016-10-20
## 13                                      Pragiti      San Jose, CA 2016-10-13
## 14                               Kalo Solutions       Chicago, IL 2016-10-21
## 15                        RedRiver Systems L.L.C.         Dallas, TX 2016-10-23
## 16                                Agiletal, Inc.       Chicago, IL 2016-10-19
## 17                                    Wipro Ltd.  Foster City, CA 2016-10-13
## 18                                    [24]7 Inc.         Dallas, TX 2016-10-19
## 19                    NetBrain Technologies Inc.    Burlington, MA 2016-10-11
## 20                       Spar Information Systems    Fort Worth, TX 2016-10-21
## 21           Foundation Recruiting and Consulting        Carlsbad, CA 2016-10-13
## 22                                 Elan Partners        Irving, TX 2016-10-17
## 23                                        Amazon        Seattle, WA 2016-10-23
## 24                                        Atyeti  Jersey City, NJ 2016-10-21
## 25                                 Agile Premier    Fort Worth, TX 2016-10-23
## 26                                  CyberCoders       Glendale, CA 2016-10-23
## 27                          Xoriant Corporation       San Jose, CA 2016-10-21
## 28                                    [24]7 Inc.        Campbell, CA 2016-10-19
## 29                 Tech Mahindra (Americas) Inc. mountain view, CA 2016-10-05
## 30                 Tech Mahindra (Americas) Inc.       Glendale, CA 2016-10-20
## 31                                Shimento, Inc.       sunnyvale, CA 2016-10-21
```

```
## 32                    Talus Partners      Hartford, CT 2016-10-19
## 33                  Diverse Lynx Llc      Milwaukee, WI 2016-10-20
## 34                      Srinav Inc.        Raleigh, NC 2016-10-21
## 35                   Kalo Solutions      Deerfield, IL 2016-10-21
## 36                    EVO Solutions      Hillsboro, OR 2016-09-27
## 37     Strategic Employment Partners     Eagle Rock, CA 2016-10-21
## 38                        Prolifics    Jersey City, NJ 2016-10-21
## 39                     Salient Corp     Horseheads, NY 2016-10-14
## 40                  InfoVision, Inc.        Irving, TX 2016-10-13
## 41                          Infosys        Atlanta, GA 2016-10-23
## 42                      Srinav Inc.      lafayette, LA 2016-10-22
## 43             DBA Web Technologies       Bellevue, WA 2016-10-21
## 44          Bourntec Solutions, Inc.       Raleigh, NC 2016-10-20
## 45                            eHire        Raleigh, NC 2016-10-13
## 46                   Bramasol Inc.        Toronto, ON 2016-10-21
## 47                      CyberCoders      San Mateo, CA 2016-10-23
## 48                    RealPage Inc.     Richardson, TX 2016-10-20
## 49                 NIC INFO TEK INC        Atlanta, GA 2016-10-18
## 50               Skyrocket Ventures     Sunnyvale, CA 2016-10-20
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
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## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Learning&city=&text=&ip=&dic
##
## $resultItemList
##                                                          detailUrl
## 1        http://www.dice.com/job/result/cybercod/AW2-1262657129?src=19
## 2          http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 3          http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 4          http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
## 5                http://www.dice.com/job/result/10117979/161777?src=19
## 6          http://www.dice.com/job/result/cybercod/NR3-13246585?src=19
## 7                http://www.dice.com/job/result/entca005/742964?src=19
## 8  http://www.dice.com/job/result/cybercod/AS3-NLPDataScientist5?src=19
## 9                    http://www.dice.com/job/result/usts/447713?src=19
## 10                  http://www.dice.com/job/result/compun/743064?src=19
## 11         http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 12         http://www.dice.com/job/result/cybercod/LS3-131423447?src=19
## 13         http://www.dice.com/job/result/cybercod/SM7-13242456?src=19
## 14         http://www.dice.com/job/result/cybercod/JD8-13253463?src=19
## 15         http://www.dice.com/job/result/cybercod/AW2-13244365?src=19
```

```
## 16   http://www.dice.com/job/result/cybercod/SCE-ImageProcessing4?src=19
## 17          http://www.dice.com/job/result/cybercod/BS3-132299711?src=19
## 18                http://www.dice.com/job/result/10444937/728036?src=19
## 19       http://www.dice.com/job/result/10110872/7819_Java_CHI?src=19
## 20               http://www.dice.com/job/result/90752961/575645?src=19
## 21                  http://www.dice.com/job/result/usts/112938?src=19
## 22           http://www.dice.com/job/result/10497505/7381610122?src=19
## 23        http://www.dice.com/job/result/cybercod/BC2-1278839115?src=19
## 24         http://www.dice.com/job/result/cybercod/NG-131927726?src=19
## 25               http://www.dice.com/job/result/NEXIL001/744390?src=19
## 26               http://www.dice.com/job/result/10331486/AK_HNJ?src=19
## 27         http://www.dice.com/job/result/cybercod/KG1-13241906?src=19
## 28           http://www.dice.com/job/result/RTX1ba580/4727041?src=19
## 29       http://www.dice.com/job/result/cybercod/BS3-1301209106?src=19
## 30        http://www.dice.com/job/result/cybercod/SM7-131271154?src=19
## 31              http://www.dice.com/job/result/10518778/20161179?src=19
## 32               http://www.dice.com/job/result/10112142/730775?src=19
## 33               http://www.dice.com/job/result/gatpa001/132846?src=19
## 34               http://www.dice.com/job/result/90767798/734247?src=19
## 35     http://www.dice.com/job/result/10110872/7320_LMSBB_MSN?src=19
## 36              http://www.dice.com/job/result/10110565/NLPLead?src=19
## 37        http://www.dice.com/job/result/cybercod/JG2-13245665?src=19
## 38               http://www.dice.com/job/result/10494547/668254?src=19
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## 40           http://www.dice.com/job/result/10115369/106689-219?src=19
## 41        http://www.dice.com/job/result/cybercod/NNG-131835631?src=19
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## 43         http://www.dice.com/job/result/cybercod/BB7-13245445?src=19
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## 45               http://www.dice.com/job/result/10330481/04?src=19
## 46        http://www.dice.com/job/result/cybercod/WC2-131529143?src=19
## 47               http://www.dice.com/job/result/90962206/643121?src=19
## 48       http://www.dice.com/job/result/cybercod/BS3-1301664102?src=19
## 49        http://www.dice.com/job/result/cybercod/RE1-131004266?src=19
## 50               http://www.dice.com/job/result/10118364/4752?src=19
## 
## 1          Senior Data Scientist - Machine Learning, Python, C/C++
## 2                     Research Engineer - Python, Machine Learning,
## 3          Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 4                              Data Scientist - JOIN A GROWING TEAM!
## 5                                                     DevOps Engineer
## 6                                          Backend Engineer - Python
## 7             Data Scientist - Hadoop,hive,Scala,Machine Learning
## 8                          Data Scientist- NLP (Must have)/ Python
## 9                                                 Algorithm Engineer
## 10 Need : Deep Learning Specialist, Santa Clara or Sunnyvale CA (ONLY LO
## 11                              Data Scientist - Junior-Senior Levels!
## 12    Sr. Data Infrastructure Engineer- VC Backed, Healthcare Startup!
## 13                 Senior Data Scientist - Big Data/Software Hybrid!!
## 14                              Search Engineer - Ruby, Elastic Search
## 15                            Senior Data Engineer- Java, Python, Scala
## 16          Senior Software Engineer - Image Processing - 100% REMOTE
## 17          Data Scientist - Data Modeling/Analytics, Machine Learning
## 18                                                    Big Data Analyst
```

```
## 19                              Full-Stack Architect/Developer
## 20                                    Saba Business Analyst
## 21                               Database Optimizer Engineer
## 22                   Senior Developer (Java or Scala or C++ or C#)
## 23                     Data Scientist - Enterprise Intelligence
## 24                            Sr Machine Learning Scientist
## 25                   ZenDesk LMS Help Desk Representative - R
## 26                                          Data Scientist
## 27           Software Engineer - Smart Home Connectivity Startup
## 28                                Senior Systems Architect
## 29     Lead Computer Vision Engineer -- Machine Learning, Data Science
## 30              Big Data Scientist - Insurance/Banking Industry!!
## 31                                    Computational Linguist
## 32                                     Sr.Business Analyst
## 33                                    Learning Coordinator
## 34                                    Instructional Designer
## 35                     LMS Developer - Blackboard - direct-hire!
## 36 Lead Sotware Engineers, Software Architects - 70/30 coding leadership
## 37                                Lead Data Scientist (SAS, SAP)
## 38            Data Scientist (Applied Researcher) - Inperson Interview
## 39                                            .Net Developer
## 40                          Instructional Designer and Developer
## 41       Senior Data Scientist- Socially Conscious Company - Downtown LA
## 42                     Data Scientist - Fraud detection technology!
## 43                    REMOTE - Software Engineer - Image Processing
## 44       Hardware Engineer- Multi Rotor - C++, Machine Learning, UAS
## 45              Artificial Intelligence and Machine Learning Expert
## 46                                    Big Data Engineer (Java)
## 47                              Software Development Engineer
## 48        Lead Robotics Architect -- Robotics, Artificial Intelligence
## 49                                Machine Learning Scientist
## 50     Senior Software Engineer (Full Stack), API Development in C# .NET
##                           company        location       date
## 1                   CyberCoders     Palo Alto, CA 2016-10-23
## 2                   CyberCoders     San Mateo, CA 2016-10-23
## 3                   CyberCoders San Francisco, CA 2016-10-23
## 4                   CyberCoders     Cambridge, MA 2016-10-23
## 5              Experian Limited      Franklin, TN 2016-10-23
## 6                   CyberCoders     Ann Arbor, MI 2016-10-23
## 7          Enterprise Solutions     Sunnyvale, CA 2016-10-19
## 8                   CyberCoders      Berkeley, CA 2016-10-23
## 9        U.S. Tech Solutions Inc.   Bridgewater, NJ 2016-10-19
## 10 Compunnel Software Group Inc.    Santa Clara, CA 2016-10-19
## 11                  CyberCoders   Los Angeles, CA 2016-10-23
## 12                  CyberCoders San Francisco, CA 2016-10-23
## 13                  CyberCoders      New York, NY 2016-10-23
## 14                  CyberCoders     Palo Alto, CA 2016-10-23
## 15                  CyberCoders     Palo Alto, CA 2016-10-23
## 16                  CyberCoders        Boston, MA 2016-10-23
## 17                  CyberCoders San Francisco, CA 2016-10-23
## 18                       Xconic      San Jose, CA 2016-10-07
## 19                     TeamSoft       Chicago, IL 2016-10-21
## 20                        Sedaa     Palo Alto, CA 2016-10-17
## 21     U.S. Tech Solutions Inc.    Santa Clara, CA 2016-10-20
```

```
## 22                       Alans Group      New York, NY 2016-10-21
## 23                       CyberCoders  Sherman Oaks, CA 2016-10-23
## 24                       CyberCoders    San Carlos, CA 2016-10-23
## 25                  Next Step Systems       Chicago, IL 2016-10-21
## 26  Proactive Technical Services      Palo Alto, CA 2016-10-20
## 27                       CyberCoders  Redwood City, CA 2016-10-23
## 28                              MedU       Hanover, NH 2016-10-20
## 29                       CyberCoders   Santa Clara, CA 2016-10-23
## 30                       CyberCoders        Austin, TX 2016-10-23
## 31              NTREPID CORPORATION       Herndon, VA 2016-09-23
## 32                     Ensoftek Inc         Salem, OR 2016-10-10
## 33                          Mastech       Oakland, CA 2016-10-23
## 34         Patriot Talent Solutions     Knoxville, TN 2016-10-13
## 35                         TeamSoft       Madison, WI 2016-10-21
## 36                     Bivium Group     Cambridge, MA 2016-10-22
## 37                       CyberCoders       Houston, TX 2016-10-23
## 38                  BayOne Solutions      San Jose, CA 2016-09-23
## 39           Brandywine Technology   Wilmington, DE 2016-10-19
## 40                   Vaco - Nashville        Dublin, OH 2016-10-23
## 41                       CyberCoders   Los Angeles, CA 2016-10-23
## 42                       CyberCoders      Bellevue, WA 2016-10-23
## 43                       CyberCoders       Waltham, MA 2016-10-23
## 44                       CyberCoders     San Diego, CA 2016-10-23
## 45                     EPAM Systems       Houston, TX 2016-10-18
## 46                       CyberCoders     Lexington, SC 2016-10-23
## 47                        BlueKarbon       Seattle, WA 2016-10-21
## 48                       CyberCoders   Santa Clara, CA 2016-10-23
## 49                       CyberCoders     Lexington, MA 2016-10-23
## 50                Guidewire Software      Columbia, SC 2016-10-21
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $firstDocument
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## $lastDocument
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##                                                                       detailUrl
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## 2               http://www.dice.com/job/result/ngitbot/16012143?src=19
## 3              http://www.dice.com/job/result/RTX10a021/4741205?src=19
## 4                http://www.dice.com/job/result/10113218/14228?src=19
## 5          http://www.dice.com/job/result/kforcecx/ITWQG1559083?src=19
## 6               http://www.dice.com/job/result/10414693/RS-4164?src=19
## 7              http://www.dice.com/job/result/RTX197508/635374?src=19
## 8               http://www.dice.com/job/result/10115823/729057?src=19
## 9               http://www.dice.com/job/result/ngitbot/16010288?src=19
## 10         http://www.dice.com/job/result/kforcecx/ITEQG1572127?src=19
## 11                http://www.dice.com/job/result/cxcsc/2194941?src=19
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## 13         http://www.dice.com/job/result/kforcecx/ITEQG1572362?src=19
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## 27           http://www.dice.com/job/result/10109603/50951181?src=19
## 28       http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
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## 36            http://www.dice.com/job/result/RTX1a49e2/738854?src=19
## 37             http://www.dice.com/job/result/10113464/746009?src=19
## 38                http://www.dice.com/job/result/JSL/4209D?src=19
## 39         http://www.dice.com/job/result/gentx001/16-07388?src=19
## 40               http://www.dice.com/job/result/10433724/2683?src=19
## 41       http://www.dice.com/job/result/cybercod/KF1-131704536?src=19
## 42           http://www.dice.com/job/result/cxnetut/16-03197?src=19
## 43              http://www.dice.com/job/result/10114755/03796?src=19
## 44              http://www.dice.com/job/result/amazon20/429040?src=19
## 45             http://www.dice.com/job/result/90934388/746973?src=19
```

```
## 46          http://www.dice.com/job/result/10433036/1034893?src=19
## 47           http://www.dice.com/job/result/10125386/744603?src=19
## 48       http://www.dice.com/job/result/kforcecx/ITWQG1571731?src=19
## 49          http://www.dice.com/job/result/10100347/16000A3J?src=19
## 50       http://www.dice.com/job/result/kforcecx/ITWQG1573085?src=19
##                                                              jobTitle
## 1  Linux Systems Engineer Red Hat Pre-Production Test Trading Banking Finance New Jersey
## 2                                    Assured Boot Team - Software Engineer 4
## 3                             Application Development System Administrator
## 4                                                     IT Business Analyst
## 5                                       Lead Quality Assurance Software Tester
## 6                                             Mainframe Programmer Analyst
## 7                                               Business Systems Analyst
## 8              Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 9                    Windows/Unix Systems Administrator 3 (Clearable to Secret)
## 10                                                       Senior Developer
## 11                                        Professional: System Administrator
## 12                                              Systems Tester - Agile
## 13                                     Campaign Database Business Analyst
## 14                                                     Liferay Consultant
## 15                                                    SharePoint Developer
## 16                                                  Infrastructure Manager
## 17                                          Director of Talent Engineering
## 18                                                          Cobol deveoper
## 19                                     System Integration Technician II - DBA
## 20                                            Technical Architect - Java/J2EE
## 21                                                            Lead Analyst
## 22                                             Lead Systems Administrator
## 23              Digital Design Verification Lead - Ethernet -Start-up and More!
## 24                                                        Systems Analyst
## 25                                                              Developer
## 26         Software Development Engineer - Cambridge, MA - Alexa Machine Learning
## 27                                                  Systems Administrator
## 28                                        Data Scientist - JOIN A GROWING TEAM!
## 29                                                     IT Security Analyst
## 30                            MRP/EDI Engineer - MRP, EDI, MES, Trans4M, SQL
## 31                                          Business Analyst - DAM systems
## 32                            Recruiter/Human Resources Project Manager
## 33                                    Senior Network Security Engineer
## 34                                    Sr Disaster Recovery/ Back-up Engineer
## 35                                    Jr. SAP Systems Analyst with Retail
## 36                                        Technology Consultant - EyeRep
## 37                                        Systems Administrator - Windows
## 38                                               Business Systems Analyst
## 39                                             Application Security Analyst
## 40                                                Email Marketing Manager
## 41                            Microsoft Dynamics AX Business Analyst - Finance
## 42                                                        Software Engineer
## 43                                    Enterprise Engineer  Citrix/Virtualization
## 44                                             Software Development Manager
## 45                                                    Sr. Big Data Engineer
## 46                                                     Sr Systems Analyst
## 47                                                        Systems Engineer
## 48                                                District Support Analyst
```

179

```
## 49                    Senior Oracle Applications Developer (Mobile) - (16000A3J)
## 50                                                       Software Design Engineer
##                                                          company
## 1                                    Joseph Harry Ltd
## 2                                    NORTHROP GRUMMAN
## 3                                         Acumen, LLC
## 4                            CorSource Technology Group
## 5                                         Kforce Inc.
## 6                       Magna Systems International, Inc.
## 7                                          BillingTree
## 8                        Enterprise Business Solutions Inc
## 9                                    NORTHROP GRUMMAN
## 10                                        Kforce Inc.
## 11                                                CSC
## 12                                   K3 Solutions LLC
## 13                                        Kforce Inc.
## 14                                        Kforce Inc.
## 15                                        Kforce Inc.
## 16                          SinglePoint Staffing, Inc.
## 17                                         CyberCoders
## 18                              Solomons International
## 19                                        Kforce Inc.
## 20                                UnitedHealth Group
## 21                                        Kforce Inc.
## 22                                           Deloitte
## 23                                         CyberCoders
## 24                              Signature Consultants
## 25                                          Wi-Tronix
## 26                                             Amazon
## 27 American Family Life Assurance Company of Columbus
## 28                                         CyberCoders
## 29                       Strategic Staffing Solutions
## 30                                         CyberCoders
## 31                                             Pozent
## 32                          Princeton Information Ltd
## 33                                         Ascendhire
## 34                            Pratt Brown & Associates
## 35                                         JBCConnect
## 36                     Jobson Healthcare Information LLC
## 37                                  SpearMC Consulting
## 38                        JSL Computer Services, Inc.
## 39                                          Genesis10
## 40                                      Staff Matters
## 41                                         CyberCoders
## 42                                    ConsultNet, LLC
## 43                                 Brandon Consulting
## 44                                             Amazon
## 45                                      Skalenow Inc.
## 46                        Caesars Enterprise Services
## 47                                           Syslogic
## 48                                        Kforce Inc.
## 49                                    Sherwin-Williams
## 50                                        Kforce Inc.
##                  location      date
```

```
## 1              Parsippany, NJ 2016-10-07
## 2     Annapolis Junction, MD 2016-10-22
## 3              Burlingame, CA 2016-10-18
## 4               VANCOUVER, WA 2016-10-21
## 5              Scottsdale, AZ 2016-10-22
## 6                  Atlanta, GA 2016-10-03
## 7                  Phoenix, AZ 2016-10-19
## 8            Falls Church, VA 2016-10-07
## 9               San Diego, CA 2016-10-22
## 10                Chicago, IL 2016-10-22
## 11                 Austin, TX 2016-10-23
## 12          College Park, MD 2016-10-04
## 13                Detroit, MI 2016-10-22
## 14                  Miami, FL 2016-10-22
## 15              Oak Brook, IL 2016-10-22
## 16                Phoenix, AZ 2016-10-21
## 17            Los Angeles, CA 2016-10-23
## 18                Raleigh, NC 2016-10-19
## 19             Louisville, KY 2016-10-22
## 20                  Hyderabad 2016-10-23
## 21                  Tampa, FL 2016-10-22
## 22              Hermitage, TN 2016-10-23
## 23             Pittsburgh, PA 2016-10-23
## 24              Urbandale, IA 2016-10-23
## 25            Bolingbrook, IL 2016-10-19
## 26              Cambridge, MA 2016-10-19
## 27               Columbus, GA 2016-10-23
## 28              Cambridge, MA 2016-10-23
## 29             Saint Louis, MO 2016-10-14
## 30             Brownstown, MI 2016-10-23
## 31          New York City, NY 2016-10-20
## 32             Washington, DC 2016-10-23
## 33               New York, NY 2016-10-21
## 34                  Tampa, FL 2016-09-28
## 35               New York, NY 2016-09-26
## 36        Colorado Springs, CO 2016-10-17
## 37                Oakland, CA 2016-10-20
## 38                 Lanham, MD 2016-10-20
## 39         West Des Moines, IA 2016-10-23
## 40                 Tucson, AZ 2016-10-23
## 41          South Carolina, SC 2016-10-23
## 42              Arlington, TX 2016-10-23
## 43          New York City, NY 2016-10-15
## 44                Detroit, MI 2016-10-19
## 45          San Francisco, CA 2016-10-21
## 46              Las Vegas, NV 2016-10-14
## 47                Atlanta, GA 2016-10-20
## 48               Kemmerer, WY 2016-10-22
## 49              Cleveland, OH 2016-10-18
## 50               Bellevue, WA 2016-10-22

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file
```

```
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 420
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Advanced+Computing&city=&tex
##
## $resultItemList
##                                                          detailUrl
## 1          http://www.dice.com/job/result/10110992/669266?src=19
## 2    http://www.dice.com/job/result/10286823/Oracle025038?src=19
## 3   http://www.dice.com/job/result/cybercod/LP1-130822575?src=19
## 4   http://www.dice.com/job/result/10124418/cloudIaaSPaas?src=19
## 5          http://www.dice.com/job/result/10362164/039168?src=19
## 6          http://www.dice.com/job/result/10204393/18447BR?src=19
## 7         http://www.dice.com/job/result/907374372/TS10099?src=19
## 8      http://www.dice.com/job/result/90958320/VS20161310?src=19
## 9          http://www.dice.com/job/result/10204393/18562BR?src=19
## 10         http://www.dice.com/job/result/xorca001/717627?src=19
## 11          http://www.dice.com/job/result/10116608/14967?src=19
## 12 http://www.dice.com/job/result/cybercod/MF3-130380172?src=19
## 13        http://www.dice.com/job/result/atrilogy/8144826?src=19
## 14        http://www.dice.com/job/result/90833617/692699?src=19
## 15  http://www.dice.com/job/result/cybercod/LN1-13255112?src=19
## 16 http://www.dice.com/job/result/cybercod/KB2-131467545?src=19
## 17  http://www.dice.com/job/result/cybercod/SE1-13251323?src=19
## 18  http://www.dice.com/job/result/10371697M/1690556-989?src=19
## 19         http://www.dice.com/job/result/10115152/745347?src=19
## 20         http://www.dice.com/job/result/10113884/663488?src=19
## 21             http://www.dice.com/job/result/usts/112938?src=19
## 22 http://www.dice.com/job/result/cybercod/RH1-131989325?src=19
## 23         http://www.dice.com/job/result/10109532/727355?src=19
## 24         http://www.dice.com/job/result/10110992/707393?src=19
## 25         http://www.dice.com/job/result/10410505/396274?src=19
## 26 http://www.dice.com/job/result/CVTY/27745004279101331?src=19
## 27          http://www.dice.com/job/result/ebuilt/4743749?src=19
## 28             http://www.dice.com/job/result/usts/112764?src=19
## 29         http://www.dice.com/job/result/10118015/736948?src=19
## 30        http://www.dice.com/job/result/10310577/10934BR?src=19
## 31         http://www.dice.com/job/result/10443786/727608?src=19
## 32         http://www.dice.com/job/result/10111217/JDEMI8?src=19
## 33           http://www.dice.com/job/result/rec001/745260?src=19
## 34         http://www.dice.com/job/result/10111403/JO1969?src=19
## 35       http://www.dice.com/job/result/alphacon/16-01580?src=19
## 36         http://www.dice.com/job/result/10443786/715663?src=19
## 37         http://www.dice.com/job/result/90833617/691141?src=19
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```
## 38          http://www.dice.com/job/result/RTX15a538/659483?src=19
## 39           http://www.dice.com/job/result/10328550/L-2730?src=19
## 40             http://www.dice.com/job/result/sssmi/123318?src=19
## 41              http://www.dice.com/job/result/usts/112763?src=19
## 42         http://www.dice.com/job/result/10109872/SBNPBABW?src=19
## 43 http://www.dice.com/job/result/cybercod/SN2-132234013?src=19
## 44           http://www.dice.com/job/result/90833617/714612?src=19
## 45         http://www.dice.com/job/result/RTX16acee/ESF433?src=19
## 46            http://www.dice.com/job/result/10282707/3812?src=19
## 47             http://www.dice.com/job/result/mominc/#87-B?src=19
## 48           http://www.dice.com/job/result/aardvark/7887?src=19
## 49              http://www.dice.com/job/result/MTGI/19205?src=19
## 50       http://www.dice.com/job/result/xorca001/CL-SFA-TX?src=19
##                                                                        jobTitle
## 1                                                    SOC DFT/DFD Engineer -6748
## 2                                        Database Technical Manager (Oracle 11g / 12c)
## 3                     Digital Design Verification Lead - Ethernet -Start-up and More!
## 4                                                    Cloud Specialist (IaaS / PaaS)
## 5                                    Senior Network Engineer - Charleston, SC - 30008
## 6                                                             Technology Lead - US
## 7                                                    EUC/ Infrastructure Architect
## 8                  Systems Analyst Salesforce Admin Consultant -- Full-time -- IL / TX..
## 9                                                    Senior Technology Architect - US
## 10                    Network Security Anlayst(IDS/IPS,Sourcefire,SIEM,Cisco ASA)
## 11                                          SharePoint Online Support Specialist - 14967
## 12                  Lawson Business Analyst - Lawson M3, Financial Modules, Hyperion
## 13                                                          Senior Wifi Engineer
## 14                                             SAP Master Data Governance Specialist
## 15                                                   Microelectronics R&D Engineer
## 16                     VP of Product Management - CyberSecurity, Information Security
## 17                                            Data Scientist - Python, Hadoop/MapReduce
## 18                     Advanced Salesforce Admin - $60-70/hr - On Site - Houston, TX
## 19                                                                Data Scientist
## 20                                             Senior Tableau Developer(FULL TIME)
## 21                                                   Database Optimizer Engineer
## 22                    C++ Developer - Server Architecture, Cloud, Parallel Computing
## 23                                             Senior Business Intelligence Developer
## 24                                                     Physical Design Engineer -7851
## 25                  Urgent- DIRECT CLIENT - Software Development Engineer (.Net technolog
## 26                                                                Senior Engineer
## 27                                                                   EUC Analyst
## 28                  Sr. Software Engineer - Workload Scheduling & Resource Management
## 29                                             Wi-Fi Lead Software Engineer at Novi MI
## 30                                    Solution Design Engineer - Data Center Services
## 31                                                          Senior Data Engineer
## 32                                                          JD-Edwards E1 Developer
## 33                                         SAP APO Functional Analyst - Doylestown, PA. #23795
## 34                     Oracle EBS Finance Analyst Consultant AR (#1072-MH2444)
## 35                                    Senior Linux, Redhat, and Cisco UCS Engineer
## 36                                                                 AWS Developer
## 37                  Microsoft Dynamics Customer Relationship Management (CRM) Lead
## 38                                                        Senior Product Manager
## 39 60/hr 10+ Year Java Developer with Cloud/PaaS. 12+ Months. Contract. Seattle, WA. (L-2730) (C)
## 40                                                              Remedy Developer
```

```
## 41                              Senior Software Engineer in Unified Communication Middleware
## 42                                                                       Business Analyst/Reporting
## 43                                                       Senior Backend Developer to join GREAT start-up!
## 44                                                                       Azure Cloud Architect (Demo)
## 45                                                                       Senior SAP Development Architect
## 46                                                                                    Programmer Expert
## 47                                                                              Systems Engineer (Azure)
## 48                                                                              CLOUD SECURITY ARCHITECT
## 49                                                                              Business Systems Analyst
## 50                              Sr. Financial Analyst, Advance Excel (VBA Macros), SQL, Hyperion,
##                                          company             location        date
## 1                              Xpeerant Inc.        San Diego, CA 2016-10-15
## 2                      Chatham Staffing, Inc.          Atlanta, GA 2016-10-23
## 3                                 CyberCoders       Pittsburgh, PA 2016-10-23
## 4          Systems Technology Group Inc. (STG)        Dearborn, MI 2016-10-14
## 5                          NexGen Data Systems      Charleston, SC 2016-10-07
## 6                                     Infosys          Atlanta, GA 2016-10-23
## 7                            Genesis NGN Inc.           tampa, FL 2016-10-18
## 8                       Buckeye Global IT Inc      Richardson, TX 2016-10-21
## 9                                     Infosys           Plano, TX 2016-10-23
## 10                         Xoriant Corporation        baltimore, MD 2016-10-23
## 11                         Camber Corporation      San Antonio, TX 2016-10-23
## 12                                CyberCoders       Fort Myers, FL 2016-10-23
## 13              Atrilogy Solutions Group, Inc.      Louisville, CO 2016-10-21
## 14              Louisiana Economic Development      Baton Rouge, LA 2016-10-14
## 15                                CyberCoders        Chantilly, VA 2016-10-23
## 16                                CyberCoders       Providence, RI 2016-10-23
## 17                                CyberCoders       Washington, DC 2016-10-23
## 18                   Mason Frank International         Houston, TX 2016-10-23
## 19                   Encore Software Services         Oakland, CA 2016-10-21
## 20                  TekLink International Inc.         Detroit, MI 2016-10-21
## 21                    U.S. Tech Solutions Inc.      Santa Clara, CA 2016-10-20
## 22                                CyberCoders          Seattle, WA 2016-10-23
## 23         Metro-Goldwyn-Mayer Studios Inc.     Beverly Hills, CA 2016-10-20
## 24                              Xpeerant Inc.        San Diego, CA 2016-09-27
## 25                    Stellar Soft Solutions Inc      Santa Clara, CA 2016-10-18
## 26                                       Aetna          Phoenix, AZ 2016-10-21
## 27                              UST Global Inc      Riverwoods, IL 2016-10-19
## 28                    U.S. Tech Solutions Inc.      Santa Clara, CA 2016-10-20
## 29                             First Tek, Inc.            Novi, MI 2016-10-14
## 30                         Intertek USA Inc.          Houston, TX 2016-10-03
## 31                                 FusionForte     Mountain View, CA 2016-10-17
## 32                             Agreatis, Inc.         Lansing, MI 2016-10-23
## 33                                        R121      Doylestown, PA 2016-10-20
## 34                     Moorecroft Systems Inc.       Cincinnati, OH 2016-10-21
## 35                      Alpha Consulting Corp.         Rockaway, NJ 2016-10-23
## 36                                 FusionForte         San jose, CA 2016-09-28
## 37              Louisiana Economic Development      Baton Rouge, LA 2016-10-11
## 38                   NetBrain Technologies Inc.       Burlington, MA 2016-10-11
## 39                            LEVERAGEncy, LLC          Seattle, WA 2016-10-21
## 40                Strategic Staffing Solutions      Saint Louis, MO 2016-10-14
## 41                    U.S. Tech Solutions Inc.      Santa Clara, CA 2016-10-20
## 42                            Technosmarts Inc      Saint Louis, MO 2016-10-23
## 43                                CyberCoders Westlake Village, CA 2016-10-23
```

```
## 44           Louisiana Economic Development       Lafayette, LA 2016-09-27
## 45                        ExpertHiring            Bellevue, WA 2016-10-23
## 46               Knowledge Builders Inc              Albany, NY 2016-10-18
## 47                  Mind Over Machines           Columbia, MD 2016-10-13
## 48 Aardvark Systems and Programming Inc.             Beford, MA 2016-10-21
## 49       Meridian Technology Group, Inc.          Portland, OR 2016-10-21
## 50                  Xoriant Corporation          Westlake, TX 2016-10-21

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 1385
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=High+Performance+Computing&c
##
## $resultItemList
##                                                          detailUrl
## 1           http://www.dice.com/job/result/10110992/669266?src=19
## 2        http://www.dice.com/job/result/cybercod/RK1-13240836?src=19
## 3   http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 4              http://www.dice.com/job/result/futurets/GBVMT?src=19
## 5               http://www.dice.com/job/result/cybersea/5599?src=19
## 6           http://www.dice.com/job/result/10452799/51214-GA?src=19
## 7           http://www.dice.com/job/result/sanny001/GZ29921?src=19
## 8            http://www.dice.com/job/result/UDIVA001/716969?src=19
## 9        http://www.dice.com/job/result/kforcecx/ITEQG1572933?src=19
## 10           http://www.dice.com/job/result/systemsp/476588?src=19
## 11            http://www.dice.com/job/result/10116861/12901?src=19
## 12    http://www.dice.com/job/result/10124418/cloudIaaSPaas?src=19
## 13            http://www.dice.com/job/result/10114755/03796?src=19
## 14           http://www.dice.com/job/result/10114077/705663?src=19
## 15             http://www.dice.com/job/result/KANBAY/729111?src=19
## 16     http://www.dice.com/job/result/10286823/Oracle20959?src=19
## 17     http://www.dice.com/job/result/kforcecx/ITAQG1571148?src=19
## 18      http://www.dice.com/job/result/10376101/gaqascript1?src=19
## 19           http://www.dice.com/job/result/10122703/720773?src=19
## 20           http://www.dice.com/job/result/10121990/954663?src=19
## 21          http://www.dice.com/job/result/10115700c/515033?src=19
## 22           http://www.dice.com/job/result/amazon20/417376?src=19
## 23         http://www.dice.com/job/result/907374372/TS10099?src=19
## 24    http://www.dice.com/job/result/10208346C/2827_JN@SBENC?src=19
## 25           http://www.dice.com/job/result/accperny/GAODBA?src=19
## 26     http://www.dice.com/job/result/kforcecx/ITWQG1487365?src=19
## 27     http://www.dice.com/job/result/kforcecx/ITWQG1573032?src=19
```

```
## 28         http://www.dice.com/job/result/90958320/VS20161310?src=19
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## 30         http://www.dice.com/job/result/10124153/SUN-11084?src=19
## 31       http://www.dice.com/job/result/kforcecx/ITWQG1572489?src=19
## 32 http://www.dice.com/job/result/tacman/Advantage_2601-335?src=19
## 33          http://www.dice.com/job/result/10166256/598591?src=19
## 34      http://www.dice.com/job/result/10529442/GPMAD102016?src=19
## 35         http://www.dice.com/job/result/cxprince/16-10559?src=19
## 36         http://www.dice.com/job/result/10204393/18562BR?src=19
## 37          http://www.dice.com/job/result/10123884/AW-SPA?src=19
## 38          http://www.dice.com/job/result/10116775/681430?src=19
## 39         http://www.dice.com/job/result/cxprince/16-09960?src=19
## 40          http://www.dice.com/job/result/10121294/T10965?src=19
## 41       http://www.dice.com/job/result/accperny/117900067?src=19
## 42          http://www.dice.com/job/result/accperny/GASQLD?src=19
## 43      http://www.dice.com/job/result/kforcecx/ITEQG1571308?src=19
## 44       http://www.dice.com/job/result/10294672/MC_Core_C++?src=19
## 45         http://www.dice.com/job/result/90764204/2170544?src=19
## 46      http://www.dice.com/job/result/kforcecx/ITAQG1571227?src=19
## 47          http://www.dice.com/job/result/sgainc/16-03227?src=19
## 48       http://www.dice.com/job/result/10208346E/5419_Perf?src=19
## 49          http://www.dice.com/job/result/odysseyi/743824?src=19
## 50      http://www.dice.com/job/result/cybercod/MF3-130380172?src=19
##                                                              jobTitle
## 1                                          SOC DFT/DFD Engineer -6748
## 2               Senior Power Electronics Engineer -- Innovation Award Winner
## 3                          Technical Project Manager (REMOTE) APPLICATIONS
## 4                                                VMWare Engineer, Level 2
## 5                                                          WCS Architect
## 6                                                  Oracle DBA (Local Only)
## 7                                      Staffing Office Reporting/Data Analyst
## 8                                                   Senior Software Tester
## 9                                                    SharePoint Developer
## 10                                                        SQL Server DBA
## 11                                    Sr Disaster Recovery/ Back-up Engineer
## 12                                            Cloud Specialist (IaaS / PaaS)
## 13                             Enterprise Engineer  Citrix/Virtualization
## 14                                                     Lead Business Analyst
## 15                                                  Oracle PL/SQL developer
## 16                 Back-end Oracle Developer (PL/SQL expertise - Sign on bonus)
## 17                              Biometric Voice Implementation Engineer
## 18                              Senior QA Scripting Engineer (MULTIPLE SPOTS)
## 19                                                      Performance Tester
## 20                                            Performance Center Consultant
## 21                                              Performance Test Engineer
## 22                                            Software Development Engineer
## 23                                            EUC/ Infrastructure Architect
## 24                                              SQL Database Administrator
## 25                                    Oracle DBA - up to $130K plus bonus
## 26                              Principal Radar Signal Processing Engineers
## 27                                          Senior Full Stack Java Engineer
## 28 Systems Analyst Salesforce Admin Consultant -- Full-time -- IL / TX..
## 29                                                  Automation Test Manager
## 30                                                   Software Engineer: Cloud
```

```
## 31                                                        Data Lead
## 32                                                   PROJECT MANAGER 5
## 33                                             SharePoint Administrator
## 34                                                Sr Systems Engineer
## 35                                              Microservices Developer
## 36                                     Senior Technology Architect - US
## 37                             Direct client - Sr. Performance Analyst
## 38                                                      Java Developer
## 39           Advanced Analytics Data Sourcing and Ingestion Engineer
## 40                                     Senior ETL Engineer (Teradata)
## 41                                            Software Engineer C# .Net
## 42               Senior MS SQL Server DBA - Up to $150K plus bonus
## 43                                             Mortgage Project Manager
## 44                     C++ Software Engineer - Core Infrastructure
## 45                                         Senior Java/J2EE Developer
## 46                                       Project Manager (Functional)
## 47                                             Sr. Java Developer
## 48                     Performance Engineer / LoadRunner Engineer
## 49                       Business Analyst, Continuous Improvement
## 50    Lawson Business Analyst - Lawson M3, Financial Modules, Hyperion
##                                 company            location        date
## 1                         Xpeerant Inc.    San Diego, CA 2016-10-15
## 2                          CyberCoders       Chicago, IL 2016-10-23
## 3                            Advantage       Chicago, IL 2016-10-23
## 4                    Futuretech Staffing   Long Beach, CA 2016-10-17
## 5                     Cybersearch, Ltd.       Austin, TX 2016-10-19
## 6      Paramount Software Solutions, Inc     Atlanta, GA 2016-10-12
## 7          SANS Consulting Services, Inc       Tampa, FL 2016-10-19
## 8                                 UDig     Richmond, VA 2016-10-21
## 9                          Kforce Inc.     Oak Brook, IL 2016-10-22
## 10           Systems Personnel, Inc. Kennett Square, PA 2016-10-23
## 11             Pratt Brown & Associates      Tampa, FL 2016-09-28
## 12 Systems Technology Group Inc. (STG)     Dearborn, MI 2016-10-14
## 13              Brandon Consulting  New York City, NY 2016-10-15
## 14                 Computer Aid, Inc.     Camp Hill, PA 2016-09-29
## 15                          Capgemini  new york city, NY 2016-10-10
## 16              Chatham Staffing, Inc.     Atlanta, GA 2016-10-23
## 17                         Kforce Inc.        Dallas, TX 2016-10-22
## 18                       GATE Staffing   Washington, DC 2016-10-22
## 19          Reliable Software Resources   Charlotte, NC 2016-10-14
## 20            Cigniti Technologies Inc      Dallas, TX 2016-10-13
## 21              Randstad Technologies   Northbrook, IL 2016-10-23
## 22                              Amazon    Sunnyvale, CA 2016-10-19
## 23                     Genesis NGN Inc.       tampa, FL 2016-10-18
## 24                          Collabera    Charlotte, NC 2016-10-21
## 25                     Access Staffing   Jersey City, NJ 2016-10-17
## 26                         Kforce Inc.      Phoenix, AZ 2016-10-22
## 27                         Kforce Inc.    Sunnyvale, CA 2016-10-22
## 28              Buckeye Global IT Inc    Richardson, TX 2016-10-21
## 29              NORTHROP GRUMMAN         Lanham, MD 2016-10-22
## 30              Enterprise Logic Inc.    Hillsboro, OR 2016-10-20
## 31                         Kforce Inc. San Francisco, CA 2016-10-22
## 32                            Advantage    Charlotte, NC 2016-10-23
## 33    ApplyLogic Consulting Group, LLC     Arlington, VA 2016-10-03
```

```
## 34                Capital Computer LLC        Madison, WI 2016-10-22
## 35          Princeton Information Ltd          Irving, TX 2016-10-23
## 36                            Infosys           Plano, TX 2016-10-23
## 37                       Technet, LLC          Denver, CO 2016-10-21
## 38                  Lenmar Consulting     Jersey City, NJ 2016-10-21
## 39          Princeton Information Ltd          Irving, TX 2016-10-23
## 40                   SBS Creatix, LLC     Saint Louis, MO 2016-10-17
## 41                    Access Staffing        New York, NY 2016-10-21
## 42                    Access Staffing     JERSEY CITY, NJ 2016-10-17
## 43                       Kforce Inc.      Miamisburg, OH 2016-10-22
## 44               Futures Group IT LLC.        New York, NY 2016-10-17
## 45       Recruit Professional Services         Chester, NY 2016-10-23
## 46                       Kforce Inc.   Kearneysville, WV 2016-10-22
## 47      Software Guidance & Assistance   Jacksonville, FL 2016-10-23
## 48                          Collabera      Wilmington, DE 2016-10-10
## 49        Odyssey Information Services          Dallas, TX 2016-10-20
## 50                        CyberCoders     Fort Myers, FL 2016-10-23

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## 1                                              Business/Systems Analyst
## 2                                                     Wireless Engineer
## 3                                                   Full Stack Developer
## 4                                                    Big Data Consultant
## 5             Data Modeler III - Business Intelligence Architect
## 6                                                       Security Analyst
## 7                                     Solutions Architect - E-commerce
## 8              Research Engineer - Python, Machine Learning,
## 9                                                   Senior Data Engineer
## 10             Fullstack developer with big data Technologies
## 11                 Business Analyst--Healthcare--Long Beach CA
## 12                                                        WCS Architect
## 13                             SQL BI/ETL Developer - Canton, OH
## 14                                                    Senior Data Analyst
## 15      Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 16                                     Enterprise Architect - Manager
## 17                                        BUSINESS SYSTEMS CONSULTANT
## 18                                                  IT Operations manager
## 19 Software Engineer - Programming, Blockchain Technology, bitcoin
## 20                                            Security Systems Engineer
```

```
## 21                                             Oracle DBA
## 22                          Clinical Annotator- data mining
## 23                       Associate Technician-Baseline (Net)
## 24                              Data Cap/FileNet Developer
## 25                                          Data scientist
## 26                                    Engineer Aeronautical 2
## 27                                Java / Big Data Developer
## 28              Developer Business Intelligence(**DIRECT CLIENT**)
## 29           Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 30    Test Data Engineer - Relaxed environment and awesome culture!
## 31                              Regional Account Executive
## 32                                       Business Analyst I
## 33                                            .NET Developer
## 34            Senior Project Manager - Data Center Migrations
## 35                                       Developer III - ETL
## 36                         .Net BigData Scala Developer
## 37                                             Data Modeler
## 38                                     Solutions Architect
## 39 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 40                        Data Scientist - JOIN A GROWING TEAM!
## 41                                        Category Manager
## 42                                          Data Scientist
## 43                                Manager, Data Engineering
## 44                       Netezza Data Warehouse Senior DBA
## 45                                      Senior QA Engineer
## 46                              Oracle PL/SQL Developer
## 47                             Big Data Integration Engineer
## 48            Energy Systems Administrator - Sioux Falls, SD
## 49                              Big Data / ETL/DB Developer
## 50                        Director Infrastructure Engineering
##                             company        location        date
## 1                              Volt   Jersey City, NJ 2016-10-23
## 2                    Wizard Staff, Inc      Irvine, CA 2016-10-17
## 3            Randstad Technologies       Austin, TX 2016-10-23
## 4            Automation Image Inc.       Irving, TX 2016-10-20
## 5                       Fannie Mae   Washington, DC 2016-10-23
## 6                     Tentek, Inc.      Seattle, WA 2016-09-30
## 7                         TeamSoft      Madison, WI 2016-10-21
## 8                     CyberCoders   San Mateo, CA 2016-10-23
## 9                            Agile      Atlanta, GA 2016-10-23
## 10               Neuro Systems Inc.   Sunnyvale, CA 2016-10-14
## 11           Sedna Consulting Group   Long Beach, CA 2016-10-23
## 12               Cybersearch, Ltd.       Austin, TX 2016-10-19
## 13 TapRoot Recruiting Solutions, Inc.      Canton, OH 2016-10-23
## 14                          Infodym      Herndon, VA 2016-10-06
## 15                     CyberCoders   San Francisco, CA 2016-10-23
## 16      Cognizant Technology Solutions      Hartford, CT 2016-10-23
## 17                 Matrix Resources     Charlotte, NC 2016-10-23
## 18                         Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 19                     CyberCoders     Palo Alto, CA 2016-10-23
## 20                          Amazon      Boardman, OR 2016-10-19
## 21                           eclaro       atlanta, GA 2016-09-26
## 22           Javen Technologies, Inc   Taylorsville, UT 2016-10-19
## 23                 Matrix Resources   Fort Stockton, TX 2016-10-23
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190

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## 24         22nd Century Technologies, Inc.              Lansing,, MI 2016-10-21
## 25          Infogium Technologies, LLC              Charlotte, NC 2016-09-26
## 26                    NORTHROP GRUMMAN              San Diego, CA 2016-10-22
## 27                 Xoriant Corporation                Bristol, CT 2016-10-21
## 28                XCEL Solutions Corp.              NEW YORK, NY 2016-10-23
## 29                          CyberCoders               Nashua, NH 2016-10-23
## 30                          CyberCoders                Boise, ID 2016-10-23
## 31                          PeerSource              Chicago, IL 2016-10-20
## 32                           JDC Group                          2016-10-23
## 33                                 CSC              Isabela, PR 2016-10-23
## 34                David Kenneth Group              Annapolis, MD 2016-10-18
## 35              Fidelis Care New York              Rochester, NY 2016-10-23
## 36                                Zen3                Redmond, WA 2016-10-21
## 37                  Apex Systems, Inc               Roseland, NJ 2016-10-11
## 38                    HD Supply, Inc.                Atlanta, GA 2016-10-11
## 39              Paragon Solutions Inc.              Cranford, NJ 2016-10-21
## 40                          CyberCoders              Cambridge, MA 2016-10-23
## 41                 The Creative Group            Saddle River, NJ 2016-10-23
## 42                    Mitchell Martin      Long Island City, NY 2016-10-23
## 43                    The Judge Group              Burlington, MA 2016-10-23
## 44                             Mastech        Saint Petersburg, FL 2016-10-23
## 45          AAJ Interactive Technologies          Springfield, VA 2016-10-18
## 46             Maxima Consulting Inc                  Boston, MA 2016-10-20
## 47                          MSYS Inc.        San Francisco, CA 2016-10-23
## 48        Missouri River Energy Services          Des Moines, IA 2016-10-18
## 49              Horizon International              Danbury, CT 2016-10-20
## 50                 Amer Technology, Inc                Austin, TX 2016-10-21
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## 7      http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
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## 50               http://www.dice.com/job/result/90969990/738031?src=19
##                                                            jobTitle
## 1                                          Business/Systems Analyst
## 2                                                 Wireless Engineer
## 3                                                Full Stack Developer
## 4                                                Big Data Consultant
## 5              Data Modeler III - Business Intelligence Architect
## 6                                                   Security Analyst
## 7                                     Solutions Architect - E-commerce
## 8                          Research Engineer - Python, Machine Learning,
## 9                                              Senior Data Engineer
## 10               Fullstack developer with big data Technologies
```

```
## 11                        Business Analyst--Healthcare--Long Beach CA
## 12                                                       WCS Architect
## 13                                    SQL BI/ETL Developer - Canton, OH
## 14                                                  Senior Data Analyst
## 15         Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 16                                       Enterprise Architect - Manager
## 17                                          BUSINESS SYSTEMS CONSULTANT
## 18                                                 IT Operations manager
## 19 Software Engineer - Programming, Blockchain Technology, bitcoin
## 20                                            Security Systems Engineer
## 21                                                           Oracle DBA
## 22                                          Clinical Annotator- data mining
## 23                                     Associate Technician-Baseline (Net)
## 24                                          Data Cap/FileNet Developer
## 25                                                       Data scientist
## 26                                              Engineer Aeronautical 2
## 27                                            Java / Big Data Developer
## 28              Developer Business Intelligence(**DIRECT CLIENT**)
## 29           Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 30   Test Data Engineer - Relaxed environment and awesome culture!
## 31                                            Regional Account Executive
## 32                                                    Business Analyst I
## 33                                                          UI Architect
## 34                                                        .NET Developer
## 35            Senior Project Manager - Data Center Migrations
## 36                                                  Developer III - ETL
## 37                                       .Net BigData Scala Developer
## 38                                                          Data Modeler
## 39                                                  Solutions Architect
## 40 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 41                              Data Scientist - JOIN A GROWING TEAM!
## 42                                                     Category Manager
## 43                                                        Data Scientist
## 44                                              Manager, Data Engineering
## 45                            Salesforce Developer and Administrator
## 46                              Netezza Data Warehouse Senior DBA
## 47                                                    Senior QA Engineer
## 48                                            Oracle PL/SQL Developer
## 49                                       Big Data Integration Engineer
## 50            Energy Systems Administrator - Sioux Falls, SD
##                            company              location        date
## 1                             Volt      Jersey City, NJ 2016-10-23
## 2                 Wizard Staff, Inc            Irvine, CA 2016-10-17
## 3              Randstad Technologies           Austin, TX 2016-10-23
## 4              Automation Image Inc.          Irving, TX 2016-10-20
## 5                       Fannie Mae      Washington, DC 2016-10-23
## 6                     Tentek, Inc.          Seattle, WA 2016-09-30
## 7                         TeamSoft          Madison, WI 2016-10-21
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## 9                             Agile          Atlanta, GA 2016-10-23
## 10                Neuro Systems Inc.      Sunnyvale, CA 2016-10-14
## 11             Sedna Consulting Group      Long Beach, CA 2016-10-23
## 12                  Cybersearch, Ltd.           Austin, TX 2016-10-19
## 13 TapRoot Recruiting Solutions, Inc.          Canton, OH 2016-10-23
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## 14                          Infodym            Herndon, VA 2016-10-06
## 15                     CyberCoders       San Francisco, CA 2016-10-23
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## 17                Matrix Resources         Charlotte, NC 2016-10-23
## 18                        Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 19                     CyberCoders          Palo Alto, CA 2016-10-23
## 20                          Amazon          Boardman, OR 2016-10-19
## 21                          eclaro           atlanta, GA 2016-09-26
## 22           Javen Technologies, Inc   Taylorsville, UT 2016-10-19
## 23                Matrix Resources     Fort Stockton, TX 2016-10-23
## 24   22nd Century Technologies, Inc.        Lansing,, MI 2016-10-21
## 25       Infogium Technologies, LLC         Charlotte, NC 2016-09-26
## 26                NORTHROP GRUMMAN         San Diego, CA 2016-10-22
## 27              Xoriant Corporation           Bristol, CT 2016-10-21
## 28             XCEL Solutions Corp.          NEW YORK, NY 2016-10-23
## 29                     CyberCoders            Nashua, NH 2016-10-23
## 30                     CyberCoders             Boise, ID 2016-10-23
## 31                      PeerSource           Chicago, IL 2016-10-20
## 32                       JDC Group                        2016-10-23
## 33                The Armada Group         Sunnyvale, CA 2016-10-23
## 34                             CSC           Isabela, PR 2016-10-23
## 35              David Kenneth Group         Annapolis, MD 2016-10-18
## 36           Fidelis Care New York         Rochester, NY 2016-10-23
## 37                            Zen3           Redmond, WA 2016-10-21
## 38               Apex Systems, Inc          Roseland, NJ 2016-10-11
## 39                HD Supply, Inc.            Atlanta, GA 2016-10-11
## 40           Paragon Solutions Inc.         Cranford, NJ 2016-10-21
## 41                     CyberCoders         Cambridge, MA 2016-10-23
## 42               The Creative Group     Saddle River, NJ 2016-10-23
## 43                 Mitchell Martin Long Island City, NY 2016-10-23
## 44                 The Judge Group        Burlington, MA 2016-10-23
## 45       Symbiotic Consulting Group        Boca Raton, FL 2016-10-21
## 46                         Mastech Saint Petersburg, FL 2016-10-23
## 47       AAJ Interactive Technologies     Springfield, VA 2016-10-18
## 48            Maxima Consulting Inc            Boston, MA 2016-10-20
## 49                       MSYS Inc.     San Francisco, CA 2016-10-23
## 50    Missouri River Energy Services       Des Moines, IA 2016-10-18
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## 4              http://www.dice.com/job/result/ngitbot/16012143?src=19
## 5          http://www.dice.com/job/result/appblok/1609_679864_0?src=19
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## 7             http://www.dice.com/job/result/10457621/STEVE1062?src=19
## 8                http://www.dice.com/job/result/ccetx001/744146?src=19
## 9      http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 10      http://www.dice.com/job/result/cybercod/SE2-131608239?src=19
## 11             http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 12      http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 13       http://www.dice.com/job/result/kforcecx/ITWQG1559083?src=19
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## 49             http://www.dice.com/job/result/cxjudgpa/507870?src=19
## 50               http://www.dice.com/job/result/pma/019356-?src=19
##                                                              jobTitle
```

```
## 1                                                                Business/Systems Analyst
## 2                                                                      Wireless Engineer
## 3   Linux Systems Engineer Red Hat Pre-Production Test Trading Banking Finance New Jersey
## 4                                                     Assured Boot Team - Software Engineer 4
## 5                                                          Cloud Architect - Eden Prairie, MN
## 6                                                                     Full Stack Developer
## 7                       Software Engineer .NET  Fulltime / F2F Required Newark, CA
## 8                                                                      Big Data Consultant
## 9                                    Data Modeler III - Business Intelligence Architect
## 10                                                    Senior Engineering Project Manager
## 11                                                                        Security Analyst
## 12                                                          Solutions Architect - E-commerce
## 13                                                     Lead Quality Assurance Software Tester
## 14                                              Research Engineer - Python, Machine Learning,
## 15                                                                    Senior Data Engineer
## 16                                          Fullstack developer with big data Technologies
## 17                                              Program Management And Engineering Leader
## 18                                                        Mechanical Design Engineer (4839r)
## 19                                              Business Analyst--Healthcare--Long Beach CA
## 20                                                                            WCS Architect
## 21                                                                        Software Engineer
## 22                                                          SQL BI/ETL Developer - Canton, OH
## 23                                                                    Senior Data Analyst
## 24                       Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 25                                                          Enterprise Architect - Manager
## 26              Network Engineer~Competitive Compensation & Family-Oriented Team
## 27                                                          BUSINESS SYSTEMS CONSULTANT
## 28                                                                  IT Operations manager
## 29              Software Engineer - Programming, Blockchain Technology, bitcoin
## 30                                                              Security Systems Engineer
## 31                                                                              Oracle DBA
## 32                                                          Clinical Annotator- data mining
## 33                                                                        Software Engineer
## 34                                                        Sr. Software Engineer, Dealer & OEM
## 35                                                GSSC Senior Mechanical Engineer (T4)
## 36                                                        Associate Technician-Baseline (Net)
## 37                                                                        Network Engineer
## 38                                                          Data Cap/FileNet Developer
## 39                                                                            Data scientist
## 40                                                              Engineer Aeronautical 2
## 41                                                              Java / Big Data Developer
## 42                                                              Network Security Engineer
## 43                                                                        Dev Ops Engineer
## 44                                                        Professional Services Engineer- TAC
## 45                              Developer Business Intelligence(**DIRECT CLIENT**)
## 46                              Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 47                       Test Data Engineer - Relaxed environment and awesome culture!
## 48                                                              Regional Account Executive
## 49                                                          Sr. Analytics / Software Eningeer
## 50                       .NET Full Stack Developer, C#, ASP.NET MVC, Angular.JS, JavaScript
##                              company            location        date
## 1                            Volt      Jersey City, NJ 2016-10-23
## 2               Wizard Staff, Inc          Irvine, CA 2016-10-17
## 3               Joseph Harry Ltd      Parsippany, NJ 2016-10-07
```

196

```
## 4                     NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 5                   UnitedHealth Group        Santa Ana, CA 2016-10-23
## 6              Randstad Technologies           Austin, TX 2016-10-23
## 7                   ScrumLink, Inc.            Newark, CA 2016-10-21
## 8               Automation Image Inc.          Irving, TX 2016-10-20
## 9                       Fannie Mae      Washington, DC 2016-10-23
## 10                     CyberCoders        Chantilly, VA 2016-10-23
## 11                    Tentek, Inc.           Seattle, WA 2016-09-30
## 12                        TeamSoft           Madison, WI 2016-10-21
## 13                     Kforce Inc.      Scottsdale, AZ 2016-10-22
## 14                     CyberCoders       San Mateo, CA 2016-10-23
## 15                           Agile          Atlanta, GA 2016-10-23
## 16              Neuro Systems Inc.       Sunnyvale, CA 2016-10-14
## 17  Concept Software & Services, Inc.          Atlanta, GA 2016-10-20
## 18       Embedded Resource Group, Inc  San Francisco, CA 2016-10-20
## 19            Sedna Consulting Group      Long Beach, CA 2016-10-23
## 20                 Cybersearch, Ltd.          Austin, TX 2016-10-19
## 21             Robert Half Technology        Houston, TX 2016-10-23
## 22 TapRoot Recruiting Solutions, Inc.          Canton, OH 2016-10-23
## 23                          Infodym          Herndon, VA 2016-10-06
## 24                     CyberCoders  San Francisco, CA 2016-10-23
## 25      Cognizant Technology Solutions        Hartford, CT 2016-10-23
## 26                     CyberCoders        Richmond, VA 2016-10-23
## 27                Matrix Resources        Charlotte, NC 2016-10-23
## 28                        Uniqsoft  Woodcliff Lake, NJ 2016-10-21
## 29                     CyberCoders        Palo Alto, CA 2016-10-23
## 30                          Amazon        Boardman, OR 2016-10-19
## 31                          eclaro          atlanta, GA 2016-09-26
## 32            Javen Technologies, Inc  Taylorsville, UT 2016-10-19
## 33             Sage Software, Inc.          Atlanta, GA 2016-10-23
## 34                        Cargurus       Cambridge, MA 2016-10-23
## 35               NORTHROP GRUMMAN         Hill Afb, UT 2016-10-22
## 36                Matrix Resources  Fort Stockton, TX 2016-10-23
## 37                          Linium          Albany, NY 2016-10-23
## 38     22nd Century Technologies, Inc.        Lansing,, MI 2016-10-21
## 39         Infogium Technologies, LLC       Charlotte, NC 2016-09-26
## 40               NORTHROP GRUMMAN       San Diego, CA 2016-10-22
## 41             Xoriant Corporation         Bristol, CT 2016-10-21
## 42             Robert Half Technology   Los Angeles, CA 2016-10-23
## 43                Corus Group, LLC    Morrisville, NC 2016-10-23
## 44               iDirect Government          Herndon, VA 2016-10-23
## 45              XCEL Solutions Corp.        NEW YORK, NY 2016-10-23
## 46                     CyberCoders          Nashua, NH 2016-10-23
## 47                     CyberCoders           Boise, ID 2016-10-23
## 48                       PeerSource         Chicago, IL 2016-10-20
## 49                 The Judge Group      Burlington, MA 2016-10-23
## 50         P. Murphy & Associates, Inc      West Hills, CA 2016-10-21

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
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## [1] 5913
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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
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## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Data+Warehousing.&city=&text=
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##                                                           detailUrl
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## 3            http://www.dice.com/job/result/10115700c/514062?src=19
## 4             http://www.dice.com/job/result/ccetx001/744146?src=19
## 5    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6            http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 7      http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 8        http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 9      http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 10            http://www.dice.com/job/result/10360631/736240?src=19
## 11            http://www.dice.com/job/result/10175336/747098?src=19
## 12              http://www.dice.com/job/result/cybersea/5599?src=19
## 13            http://www.dice.com/job/result/10516063/632028?src=19
## 14           http://www.dice.com/job/result/RTX1ba594/4727297?src=19
## 15      http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 16          http://www.dice.com/job/result/aces/00020175051?src=19
## 17           http://www.dice.com/job/result/matrixga/113029?src=19
## 18            http://www.dice.com/job/result/10412228/675018?src=19
## 19    http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
## 20           http://www.dice.com/job/result/amazon20/383051?src=19
## 21               http://www.dice.com/job/result/ndi/564851?src=19
## 22            http://www.dice.com/job/result/10334594/815961?src=19
## 23           http://www.dice.com/job/result/matrixga/117153?src=19
## 24   http://www.dice.com/job/result/90739239/Prashant_DataC?src=19
## 25   http://www.dice.com/job/result/90769273/Tgdatascientist?src=19
## 26           http://www.dice.com/job/result/ngitbot/16018044?src=19
## 27       http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 28        http://www.dice.com/job/result/10111370/MSSXDBINY?src=19
## 29    http://www.dice.com/job/result/cybercod/RN2-131934622?src=19
## 30     http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
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## 38            http://www.dice.com/job/result/10287522/580167?src=19
## 39            http://www.dice.com/job/result/paracomp/MDMml?src=19
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## 41   http://www.dice.com/job/result/10466845/02710-0008857239?src=19
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198

```
## 42        http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
## 43         http://www.dice.com/job/result/cxjudgpa/508966?src=19
## 44         http://www.dice.com/job/result/gatpa001/131419?src=19
## 45         http://www.dice.com/job/result/10121374/PB-SrQA?src=19
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## 48         http://www.dice.com/job/result/90969990/738031?src=19
## 49         http://www.dice.com/job/result/10323494/687149?src=19
## 50          http://www.dice.com/job/result/atitx/737313?src=19
##                                                        jobTitle
## 1                                     Business/Systems Analyst
## 2                                            Wireless Engineer
## 3                                          Full Stack Developer
## 4                                            Big Data Consultant
## 5           Data Modeler III - Business Intelligence Architect
## 6                                             Security Analyst
## 7                                Solutions Architect - E-commerce
## 8                     Research Engineer - Python, Machine Learning,
## 9                                          Senior Data Engineer
## 10           Fullstack developer with big data Technologies
## 11               Business Analyst--Healthcare--Long Beach CA
## 12                                              WCS Architect
## 13                          SQL BI/ETL Developer - Canton, OH
## 14                                          Senior Data Analyst
## 15      Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 16                           Enterprise Architect - Manager
## 17                          BUSINESS SYSTEMS CONSULTANT
## 18                                       IT Operations manager
## 19 Software Engineer - Programming, Blockchain Technology, bitcoin
## 20                                    Security Systems Engineer
## 21                                                Oracle DBA
## 22                             Clinical Annotator- data mining
## 23                          Associate Technician-Baseline (Net)
## 24                                    Data Cap/FileNet Developer
## 25                                              Data scientist
## 26                                     Engineer Aeronautical 2
## 27                                    Java / Big Data Developer
## 28           Developer Business Intelligence(**DIRECT CLIENT**)
## 29         Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 30   Test Data Engineer - Relaxed environment and awesome culture!
## 31                                  Regional Account Executive
## 32                                          Business Analyst I
## 33                                              .NET Developer
## 34         Senior Project Manager - Data Center Migrations
## 35                                        Developer III - ETL
## 36                             .Net BigData Scala Developer
## 37                                              Data Modeler
## 38                                         Solutions Architect
## 39 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 40                              Data Scientist - JOIN A GROWING TEAM!
## 41                                          Category Manager
## 42                                              Data Scientist
## 43                                     Manager, Data Engineering
## 44                          Netezza Data Warehouse Senior DBA
```

199

```
## 45                                    Senior QA Engineer
## 46                               Oracle PL/SQL Developer
## 47                          Big Data Integration Engineer
## 48             Energy Systems Administrator - Sioux Falls, SD
## 49                              Big Data / ETL/DB Developer
## 50                        Director Infrastructure Engineering
##                              company            location        date
## 1                                Volt      Jersey City, NJ 2016-10-23
## 2                    Wizard Staff, Inc          Irvine, CA 2016-10-17
## 3                Randstad Technologies          Austin, TX 2016-10-23
## 4                 Automation Image Inc.        Irving, TX 2016-10-20
## 5                          Fannie Mae      Washington, DC 2016-10-23
## 6                        Tentek, Inc.         Seattle, WA 2016-09-30
## 7                            TeamSoft         Madison, WI 2016-10-21
## 8                          CyberCoders       San Mateo, CA 2016-10-23
## 9                               Agile          Atlanta, GA 2016-10-23
## 10                  Neuro Systems Inc.       Sunnyvale, CA 2016-10-14
## 11              Sedna Consulting Group      Long Beach, CA 2016-10-23
## 12                   Cybersearch, Ltd.          Austin, TX 2016-10-19
## 13 TapRoot Recruiting Solutions, Inc.          Canton, OH 2016-10-23
## 14                             Infodym         Herndon, VA 2016-10-06
## 15                         CyberCoders    San Francisco, CA 2016-10-23
## 16       Cognizant Technology Solutions        Hartford, CT 2016-10-23
## 17                    Matrix Resources        Charlotte, NC 2016-10-23
## 18                            Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 19                         CyberCoders        Palo Alto, CA 2016-10-23
## 20                             Amazon         Boardman, OR 2016-10-19
## 21                             eclaro          atlanta, GA 2016-09-26
## 22             Javen Technologies, Inc     Taylorsville, UT 2016-10-19
## 23                    Matrix Resources     Fort Stockton, TX 2016-10-23
## 24       22nd Century Technologies, Inc.        Lansing,, MI 2016-10-21
## 25         Infogium Technologies, LLC        Charlotte, NC 2016-09-26
## 26                    NORTHROP GRUMMAN        San Diego, CA 2016-10-22
## 27                 Xoriant Corporation          Bristol, CT 2016-10-21
## 28                XCEL Solutions Corp.         NEW YORK, NY 2016-10-23
## 29                         CyberCoders          Nashua, NH 2016-10-23
## 30                         CyberCoders            Boise, ID 2016-10-23
## 31                          PeerSource         Chicago, IL 2016-10-20
## 32                           JDC Group                       2016-10-23
## 33                                CSC          Isabela, PR 2016-10-23
## 34                 David Kenneth Group        Annapolis, MD 2016-10-18
## 35              Fidelis Care New York        Rochester, NY 2016-10-23
## 36                               Zen3           Redmond, WA 2016-10-21
## 37                   Apex Systems, Inc         Roseland, NJ 2016-10-11
## 38                    HD Supply, Inc.          Atlanta, GA 2016-10-11
## 39             Paragon Solutions Inc.         Cranford, NJ 2016-10-21
## 40                         CyberCoders        Cambridge, MA 2016-10-23
## 41                  The Creative Group     Saddle River, NJ 2016-10-23
## 42                     Mitchell Martin Long Island City, NY 2016-10-23
## 43                     The Judge Group       Burlington, MA 2016-10-23
## 44                             Mastech Saint Petersburg, FL 2016-10-23
## 45         AAJ Interactive Technologies      Springfield, VA 2016-10-18
## 46               Maxima Consulting Inc           Boston, MA 2016-10-20
## 47                          MSYS Inc.     San Francisco, CA 2016-10-23
```

200

```
## 48       Missouri River Energy Services       Des Moines, IA 2016-10-18
## 49              Horizon International           Danbury, CT 2016-10-20
## 50              Amer Technology, Inc            Austin, TX 2016-10-21

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## $resultItemList
##                                                       detailUrl
## 1              http://www.dice.com/job/result/10115823/729057?src=19
## 2               http://www.dice.com/job/result/10116608/14945?src=19
## 3         http://www.dice.com/job/result/kforcecx/ITEQG1572362?src=19
## 4         http://www.dice.com/job/result/kforcecx/ITEQG1572795?src=19
## 5             http://www.dice.com/job/result/ngitbot/16020075?src=19
## 6             http://www.dice.com/job/result/10233327/558655?src=19
## 7               http://www.dice.com/job/result/KANBAY/729111?src=19
## 8         http://www.dice.com/job/result/kforcecx/ITAQG1571148?src=19
## 9           http://www.dice.com/job/result/RTX1a4f9b/4721256?src=19
## 10            http://www.dice.com/job/result/sgainc/16-02893?src=19
## 11             http://www.dice.com/job/result/srabot/2619920?src=19
## 12            http://www.dice.com/job/result/jobeblok/899240?src=19
## 13   http://www.dice.com/job/result/rhalfint/03200-9500191186?src=19
## 14            http://www.dice.com/job/result/10455909/16-03551?src=19
## 15             http://www.dice.com/job/result/RTX16d84d/717857?src=19
## 16 http://www.dice.com/job/result/softwinc/Softworld_2221-180?src=19
## 17            http://www.dice.com/job/result/10466955/606972?src=19
## 18             http://www.dice.com/job/result/POPTECH/740154?src=19
## 19           http://www.dice.com/job/result/cxprince/16-10559?src=19
## 20        http://www.dice.com/job/result/90938888/JOS000003783?src=19
## 21        http://www.dice.com/job/result/kforcecx/ITEQG1571173?src=19
## 22            http://www.dice.com/job/result/ngitbot/16010269?src=19
## 23             http://www.dice.com/job/result/10113363/704977?src=19
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## 25            http://www.dice.com/job/result/ngitbot/16024425?src=19
## 26            http://www.dice.com/job/result/cxjudgpa/508970?src=19
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## 29           http://www.dice.com/job/result/10115700c/514344?src=19
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## 37          http://www.dice.com/job/result/10428868/SR904212?src=19
## 38       http://www.dice.com/job/result/kforcecx/ITAQG1572724?src=19
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## 42       http://www.dice.com/job/result/kforcecx/ITEQG1571455?src=19
## 43            http://www.dice.com/job/result/ngitbot/16012020?src=19
## 44          http://www.dice.com/job/result/RTX141f45/SF21786?src=19
## 45        http://www.dice.com/job/result/10226217/96719-en_US?src=19
## 46             http://www.dice.com/job/result/ebay/123976BR?src=19
## 47       http://www.dice.com/job/result/kforcecx/ITEQG1539842?src=19
## 48       http://www.dice.com/job/result/kforcecx/ITAQG1572599?src=19
## 49          http://www.dice.com/job/result/cxprince/16-11582?src=19
## 50            http://www.dice.com/job/result/ngitbot/16012100?src=19
##                                                              jobTitle
## 1    Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 2                                                     IT Specialist -14945
## 3                                       Campaign Database Business Analyst
## 4                                       System Integration Technician II - DBA
## 5                                                         SW Engineer (I&T) 2/3
## 6                                       Lead Machine Learning/Scala Developer
## 7                                                     Oracle PL/SQL developer
## 8                                       Biometric Voice Implementation Engineer
## 9                                             Technical Support Specialist
## 10                                                  COGNOS Reports Developer
## 11                              Microsoft SQL Server Database Administrator
## 12                                          Technical Analyst & Project Manager
## 13                              Business Intelligence Analyst---FULL TIME---
## 14                                                     Software Engineer - C#
## 15                                                  Business Process Analyst
## 16                                                        Sr Systems Engineer
## 17                                                       Senior LIMS Analyst
## 18                                       Sr. Oracle BI (OBIEE) lead Developer
## 19                                                    Microservices Developer
## 20                                       Senior Java Software Engineer (eCommerce)
## 21                                              Senior EPN Manager Consultant
## 22                                       DCS Analyst (Data Chain Specialist) 3/4
## 23                                                        Business Analyst 3
## 24                                                          Backend Engineer
## 25                                                     SW Engineer (I&T) 2/3
## 26                                                    Database Specialist/DBA
## 27                              Information Technology/Programming Director
## 28                                                             .NET Developer
## 29                                                  Database Administrator Sr.
## 30                                              QA Analyst with QTP & Selenium
## 31                                              Senior Software Developer
## 32                                              Hardware Test Engineer 2
## 33                                       Business Applications Programmer 3
## 34                                              Senior PM - Open Contract
```

```
## 35              Senior Software Design Engineer in Test (Functional) -
## 36                              Senior .NET Software Engineer
## 37 Immediate need -  Scrum Master cum Business Systems Analyst  - Direct
## 38                                Desktop Support Specialist
## 39                             Automation Tester (Selenium/Java)
## 40                                    Salesforce Developer
## 41                               Senior Application Analyst
## 42                                    IT Support Analyst II
## 43                            WIN-T Instructional Programmer
## 44                                       Production Artist
## 45                               INTERN - Robotic Automation
## 46                               Manager, Product Analytics
## 47                         Business Systems Analyst - Treasury
## 48                            WebSphere Portal Administrator
## 49                               Business Analyst with P and C
## 50                    Systems Modeling and Simulation Engineer 2
## company                             location
## 1          Enterprise Business Solutions Inc     Falls Church, VA
## 2                    Camber Corporation          Fort Rucker, AL
## 3                         Kforce Inc.                Detroit, MI
## 4                         Kforce Inc.              Louisville, KY
## 5                    NORTHROP GRUMMAN                 Aurora, CO
## 6                   Capitol Search, LTD           Washington, DC
## 7                         Capgemini            new york city, NY
## 8                         Kforce Inc.                 Dallas, TX
## 9                     DAKCS/PDCflow                    Ogden, UT
## 10        Software Guidance & Assistance             Irving, TX
## 11                            CSRA                   Linwood, NJ
## 12          University of Notre Dame            Notre Dame, IN
## 13          Robert Half Technology            Huntersville, NC
## 14                          Linium              Schenectady, NY
## 15                    DSFederal, Inc.              Rockville, MD
## 16                     Softworld Inc                Atlanta, GA
## 17                 Rural Sourcing Inc.               Mobile, AL
## 18                     Popular Tech       Westlake Village, CA
## 19          Princeton Information Ltd               Irving, TX
## 20                         Vernovis                   Mason, OH
## 21                       Kforce Inc.         Moncks Corner, SC
## 22                    NORTHROP GRUMMAN               Detroit, MI
## 23 Innovative Information Technologies, Inc         New York, NY
## 24                             Ciber            Santa Clara, CA
## 25                    NORTHROP GRUMMAN                 Aurora, CO
## 26                    The Judge Group          Indianapolis, IN
## 27                Confidential Company          New Bedford, MA
## 28                  Cook Systems Int'l              Nashville, TN
## 29                Randstad Technologies          Saint Louis, MO
## 30        Atrilogy Solutions Group, Inc.         Jersey City, NJ
## 31                     Heinen's Inc. Warrensville Heights, OH
## 32                             Volt                 Redmond, WA
## 33                    NORTHROP GRUMMAN         Redondo Beach, CA
## 34                Triumph Enterprises            Warrenton, VA
## 35                        Walgreens              Deerfield, IL
## 36                             CSRA                 Linwood, NJ
## 37                       Accion Labs          SAINT LOUIS, MO
```

```
## 38                        Kforce Inc.       Quincy, MA
## 39                             Ciber   Minneapolis, MN
## 40                    Eliassen Group  Windsor Mill, MD
## 41                   DST Systems, Inc  Kansas City, MO
## 42                        Kforce Inc.      Norcross, GA
## 43                   NORTHROP GRUMMAN   Fort Gordon, GA
## 44                 Creative Circle, LLC San Francisco, CA
## 45                        CenturyLink       Monroe, LA
## 46                            StubHub San Francisco, CA
## 47                        Kforce Inc.     Saint Louis, MO
## 48                        Kforce Inc.      Hartford, CT
## 49            Princeton Information Ltd  Bala Cynwyd, PA
## 50                   NORTHROP GRUMMAN     Melbourne, FL
##            date
## 1   2016-10-07
## 2   2016-10-23
## 3   2016-10-22
## 4   2016-10-22
## 5   2016-10-22
## 6   2016-10-18
## 7   2016-10-10
## 8   2016-10-22
## 9   2016-10-07
## 10  2016-10-23
## 11  2016-10-23
## 12  2016-10-21
## 13  2016-10-23
## 14  2016-10-23
## 15  2016-09-29
## 16  2016-10-23
## 17  2016-10-21
## 18  2016-10-23
## 19  2016-10-23
## 20  2016-09-30
## 21  2016-10-22
## 22  2016-10-22
## 23  2016-09-30
## 24  2016-10-23
## 25  2016-10-22
## 26  2016-10-23
## 27  2016-10-17
## 28  2016-10-07
## 29  2016-10-23
## 30  2016-10-21
## 31  2016-10-05
## 32  2016-10-23
## 33  2016-10-22
## 34  2016-10-18
## 35  2016-10-23
## 36  2016-10-23
## 37  2016-10-19
## 38  2016-10-22
## 39  2016-10-23
## 40  2016-10-23
```

```
## 41 2016-10-23
## 42 2016-10-22
## 43 2016-10-22
## 44 2016-09-29
## 45 2016-10-23
## 46 2016-10-23
## 47 2016-10-22
## 48 2016-10-22
## 49 2016-10-23
## 50 2016-10-22

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## \API_COUNT.csv", : appending column names to file

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## $lastDocument
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## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Software+Development&city=&to
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##                                                            detailUrl
## 1   http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2               http://www.dice.com/job/result/10109948/742060?src=19
## 3               http://www.dice.com/job/result/ngitbot/16012143?src=19
## 4         http://www.dice.com/job/result/appblok/1609_679864_0?src=19
## 5               http://www.dice.com/job/result/10115700c/514062?src=19
## 6         http://www.dice.com/job/result/rhalfint/04600-123753?src=19
## 7                http://www.dice.com/job/result/10113218/14228?src=19
## 8    http://www.dice.com/job/result/90940991/BBA000012816835?src=19
## 9           http://www.dice.com/job/result/10457621/STEVE1062?src=19
## 10               http://www.dice.com/job/result/10444819/TO537?src=19
## 11   http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 12              http://www.dice.com/job/result/ngitbot/16019582?src=19
## 13     http://www.dice.com/job/result/cybercod/SE2-131608239?src=19
## 14 http://www.dice.com/job/result/10106525/24162772000006282?src=19
## 15              http://www.dice.com/job/result/10115700c/511704?src=19
## 16        http://www.dice.com/job/result/appblok/2537_oDDO3fwR?src=19
## 17        http://www.dice.com/job/result/kforcecx/ITWQG1559083?src=19
## 18 http://www.dice.com/job/result/10106525/24181472000005912?src=19
## 19      http://www.dice.com/job/result/rippblok/2421_30667413?src=19
## 20    http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 21        http://www.dice.com/job/result/cybercod/RK1-13240836?src=19
## 22             http://www.dice.com/job/result/RTX197508/635374?src=19
## 23  http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 24                http://www.dice.com/job/result/cxconmn/75544?src=19
```

```
## 25            http://www.dice.com/job/result/10115823/729057?src=19
## 26   http://www.dice.com/job/result/RTL119398/MWAA-16-11511?src=19
## 27            http://www.dice.com/job/result/ngitbot/16022086?src=19
## 28            http://www.dice.com/job/result/ngitbot/16010288?src=19
## 29            http://www.dice.com/job/result/solpart/AK-ASRD?src=19
## 30            http://www.dice.com/job/result/matrixga/116934?src=19
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## 32       http://www.dice.com/job/result/kforcecx/ITEQG1572127?src=19
## 33      http://www.dice.com/job/result/cybercod/DA3-131800525?src=19
## 34             http://www.dice.com/job/result/NM11535/735012?src=19
## 35            http://www.dice.com/job/result/amazon20/414776?src=19
## 36  http://www.dice.com/job/result/rhalfint/04130-9500205346?src=19
## 37             http://www.dice.com/job/result/infnj003/RV_03?src=19
## 38           http://www.dice.com/job/result/10267000/95978206?src=19
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## 43             http://www.dice.com/job/result/cxjudgpa/507793?src=19
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## 45             http://www.dice.com/job/result/10273066/168513?src=19
## 46             http://www.dice.com/job/result/sourcepi/731559?src=19
## 47            http://www.dice.com/job/result/ngitbot/16023369?src=19
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## 50              http://www.dice.com/job/result/itowt/677006?src=19
##                                                            jobTitle
## 1                                            Business/Systems Analyst
## 2                                                        Project Lead
## 3                              Assured Boot Team - Software Engineer 4
## 4                                   Cloud Architect - Eden Prairie, MN
## 5                                                 Full Stack Developer
## 6                                                     Business Analyst
## 7                                                  IT Business Analyst
## 8                                                       Java Developer
## 9              Software Engineer .NET  Fulltime / F2F Required Newark, CA
## 10                     Software Development Engineer - Visual Studio/C#
## 11              Data Modeler III - Business Intelligence Architect
## 12                                     Engineer RF Microwave Design 3
## 13                                   Senior Engineering Project Manager
## 14                                                     VMware Architect
## 15                                           Senior Application Developer
## 16                                                    Reporting Analyst
## 17                            Lead Quality Assurance Software Tester
## 18                          SAP Ariba Senior Manager (SCM Capability)
## 19                                            Build Coordinator (Intlcrp)
## 20                                                  Senior Data Engineer
## 21          Senior Power Electronics Engineer -- Innovation Award Winner
## 22                                              Business Systems Analyst
## 23                     Technical Project Manager (REMOTE) APPLICATIONS
## 24                                                   Sr. Project Manager
## 25 Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 26                                            Lead Web Developer (Drupal)
## 27           Aircraft Structural Analysis & Design Engineer with Secret
```

```
## 28              Windows/Unix Systems Administrator 3 (Clearable to Secret)
## 29                                            SSRS Reports Developer Mid
## 30                                                Scrum Master - Atlanta
## 31                                                  Computer Engineer Job
## 32                                                       Senior Developer
## 33                                          Business Intelligence Engineer
## 34                          Program Management And Engineering Leader
## 35                     Technical Program Manager, Core Engineering Team
## 36                                                      Software Engineer
## 37                                                       TeraData Developer
## 38                                             Senior Developer/Architect
## 39                                                   Sr C# Project Leader
## 40                                                      Software Engineer
## 41                                             Enterprise Architect - Manager
## 42                                              DevOps Operations Manager
## 43                                                     SSIS ETL Developer
## 44                                                  Scrum Master II-48795
## 45                                                    IT Project Manager
## 46                                             Clinical Procurement Manager
## 47                                                      Mgr Engineering 2
## 48                                          Sr. Technical Project Manager
## 49              Oracle HCM Cloud (Fusion) Solution Engineer - USDC
## 50                                          Infrastructure Program Manager
##                                              company               location
## 1                                                Volt         Jersey City, NJ
## 2                                          INFOMATICS           Georgetown, KY
## 3                                    NORTHROP GRUMMAN Annapolis Junction, MD
## 4                                   UnitedHealth Group            Santa Ana, CA
## 5                                Randstad Technologies               Austin, TX
## 6                               Robert Half Technology            Milwaukee, WI
## 7                             CorSource Technology Group             VANCOUVER, WA
## 8                        Bebee Affinity Social Network              Houston, TX
## 9                                      ScrumLink, Inc.               Newark, CA
## 10                                        Davinci Tek          Murray Hill, NJ
## 11                                          Fannie Mae         Washington, DC
## 12                                    NORTHROP GRUMMAN            Baltimore, MD
## 13                                         CyberCoders             Chantilly, VA
## 14                                            Deloitte               Dallas, TX
## 15                               Randstad Technologies                      OH
## 16                                  Marine Credit Union           La Crosse, WI
## 17                                        Kforce Inc.           Scottsdale, AZ
## 18                                            Deloitte               Detroit, MI
## 19                                          IntelliCorp           Beachwood, OH
## 20                                               Agile             Atlanta, GA
## 21                                         CyberCoders             Chicago, IL
## 22                                         BillingTree             Phoenix, AZ
## 23                                           Advantage             Chicago, IL
## 24                                           Consultis     Fort Lauderdale, FL
## 25                     Enterprise Business Solutions Inc         Falls Church, VA
## 26              Metropolitan Washington Airports Authority          Arlington, VA
## 27                                    NORTHROP GRUMMAN         Redondo Beach, CA
## 28                                    NORTHROP GRUMMAN            San Diego, CA
## 29                             Solution Partners, Inc.             Glenview, IL
## 30                                     Matrix Resources             Marietta, GA
```

```
## 31                                     Itron            West Union, SC
## 32                                Kforce Inc.               Chicago, IL
## 33                                CyberCoders          Redwood City, CA
## 34             Concept Software & Services, Inc.            Atlanta, GA
## 35                                     Amazon              Newark, NJ
## 36                       Robert Half Technology            Houston, TX
## 37                       Infinity Tech Group Inc          San Jose, CA
## 38                              Citizant, Inc.         Washington, DC
## 39                  Hamilton Technical Personnel            Albany, NY
## 40                            Talent Orchard LLC          Columbia, MD
## 41              Cognizant Technology Solutions          Hartford, CT
## 42                                     Amazon             Herndon, VA
## 43                             The Judge Group    Saint Petersburg, FL
## 44                                 Fannie Mae         Washington, DC
## 45                       Teradata Corporation             Dayton, OH
## 46           Source One Technical Solutions LLC       East Hanover, NJ
## 47                            NORTHROP GRUMMAN          Mcclellan, CA
## 48                    Vega Consulting Solutions            Reston, VA
## 49                                   Deloitte             McLean, VA
## 50 International Information Technology Team, Inc.        stamford, CT
##          date
## 1  2016-10-23
## 2  2016-10-21
## 3  2016-10-22
## 4  2016-10-23
## 5  2016-10-23
## 6  2016-10-23
## 7  2016-10-21
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## 24 2016-10-23
## 25 2016-10-07
## 26 2016-10-23
## 27 2016-10-22
## 28 2016-10-22
## 29 2016-10-20
## 30 2016-10-23
## 31 2016-10-23
## 32 2016-10-22
## 33 2016-10-23
```

```
## 34 2016-10-20
## 35 2016-10-19
## 36 2016-10-23
## 37 2016-10-12
## 38 2016-10-23
## 39 2016-10-23
## 40 2016-10-06
## 41 2016-10-23
## 42 2016-10-19
## 43 2016-10-23
## 44 2016-10-17
## 45 2016-10-23
## 46 2016-10-11
## 47 2016-10-22
## 48 2016-10-21
## 49 2016-10-23
## 50 2016-09-27

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## [1] 1
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## $lastDocument
## [1] 50
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## $resultItemList
##                                                           detailUrl
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## 2             http://www.dice.com/job/result/itowt/677006?src=19
## 3            http://www.dice.com/job/result/10122753/94534?src=19
## 4            http://www.dice.com/job/result/trasys/741738?src=19
## 5      http://www.dice.com/job/result/10111699/08201603SJVA?src=19
## 6           http://www.dice.com/job/result/10433724/2683?src=19
## 7           http://www.dice.com/job/result/10243784/CP01?src=19
## 8      http://www.dice.com/job/result/xorca001/JavaAuto1003?src=19
## 9          http://www.dice.com/job/result/10462722/LDS1985?src=19
## 10          http://www.dice.com/job/result/10114418/23823?src=19
## 11         http://www.dice.com/job/result/10307709/710655?src=19
## 12         http://www.dice.com/job/result/10117979/161777?src=19
## 13       http://www.dice.com/job/result/90836405/ps_UNIX_FT?src=19
## 14      http://www.dice.com/job/result/10360702/SWS-WARE-816?src=19
## 15     http://www.dice.com/job/result/10230516/SrCognosEngSFO?src=19
## 16     http://www.dice.com/job/result/cybercod/SS7-132059521?src=19
## 17            http://www.dice.com/job/result/calli/730921?src=19
```

```
## 18            http://www.dice.com/job/result/10105798/MH1806?src=19
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## 21   http://www.dice.com/job/result/cybercod/RS2-1243286145?src=19
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## 26            http://www.dice.com/job/result/systel/741881?src=19
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## 28          http://www.dice.com/job/result/RTX150674/4730461?src=19
## 29          http://www.dice.com/job/result/RTL031097/682613?src=19
## 30           http://www.dice.com/job/result/10204393/18562BR?src=19
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## 32           http://www.dice.com/job/result/adrnj001/ETM4_DS?src=19
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## 35 http://www.dice.com/job/result/10106525/24091352000006362?src=19
## 36   http://www.dice.com/job/result/cybercod/JP10-132070320?src=19
## 37         http://www.dice.com/job/result/aurne001/16-554465?src=19
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## 41           http://www.dice.com/job/result/10411514/KRM-263?src=19
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## 43            http://www.dice.com/job/result/80122014/TE125?src=19
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## 48            http://www.dice.com/job/result/minds/Mind_Build?src=19
## 49    http://www.dice.com/job/result/cybercod/NC1-130597985?src=19
## 50            http://www.dice.com/job/result/10457851/723710?src=19
##                                                          jobTitle
## 1                        Associate Director-Design and Development
## 2                                    Infrastructure Program Manager
## 3                            Software Development Engineer of Test
## 4                                                 help desk analyst
## 5                                                   Scala Developer
## 6                                            Email Marketing Manager
## 7                                            Creative Project Manager
## 8            Software Development Engineer Test (Java Automation)
## 9                            Senior Architect Level Automation Lead
## 10                             Business Intelligence Specialist II
## 11            EDI Developer (B2Bi tool Axway and Sentinel Exp)
## 12                                                  DevOps Engineer
## 13                              Production Support  UNIX / SQL
## 14                             Warehouse Maintenance Mechanic
## 15                            Senior Cognos Engineer(front end)
## 16            DevOps Engineer - Automation/Development
## 17                            Associate Technical Consultant
## 18                                       Automation Engineer
## 19                                             Data Architect
## 20                                    Banner Software Engineer
```

210

```
## 21                     DevOps Engineer - Python, AWS - near SFO, Northern CA!
## 22                                       Oracle APPS DBA (Full Time)
## 23                            Test Data Management(Automation) Lead
## 24                                          IT Reporting Analyst
## 25                                        Atlassian Tools Engineer
## 26                                        Java Application Architect
## 27                       QUALITY ASSURANCE ANALYST (ETL TOOLS) SQL
## 28                                                  Data Analyst
## 29                                     Senior Wireless Engineer
## 30                            Senior Technology Architect - US
## 31                                            Research Analyst
## 32 SAP ETM Consultant (Equiment and Tools Management) - EAM Tooling
## 33                                       Business Analyst - IES
## 34                        Manager, Software Engineering, Audio, R&D
## 35                                  Qlikview/Tableau Consultant
## 36  Principal Software Engineer - 5 Yrs Experience - Excellent Opp!
## 37                                              Data Architect II
## 38                                           Advanced QA Tester
## 39                                                  IT Architect
## 40  Lead Software Development Engineer Test (Lead Java Automation)
## 41              Senior  Java Application Development Analyst
## 42                                       Database Administrator
## 43                                        SR TESTING ENGINEER
## 44                                                  Data Scientist
## 45                                    Senior BI Business Analyst
## 46                                        Security System Admins
## 47                                      Sr Unix Systems Engineer
## 48                              Build and Release Tools Developer
## 49                                  Jr. DevOps Engineer - Linux
## 50                          Business Objects Developer -- W2 only
##                                            company            location
## 1     The University of North Carolina at Chapel Hill    Chapel Hill, NC
## 2     International Information Technology Team, Inc.        stamford, CT
## 3                                              Ciber        Seattle, WA
## 4                            Cohesion Consulting LLC       baltimore, MD
## 5                                    Synechron Inc.       Sterling, VA
## 6                                     Staff Matters          Tucson, AZ
## 7                                  Marquee Staffing     San Mateo, CA
## 8                                Xoriant Corporation      Pleasanton, CA
## 9                          Software Tech Enterprises      Baltimore, MD
## 10                       The Methodist Hospital System        Houston, TX
## 11                                                ASI         Norfolk, VA
## 12                                   Experian Limited      Franklin, TN
## 13                                Techpro Consulting         Plano, TX
## 14                           TECHstaff Resources, Inc.         syosset, NY
## 15                              MatchPoint Solutions SAN FRANCISCO, CA
## 16                                        CyberCoders      Alexandria, MN
## 17                                     CallidusCloud      Birmingham, AL
## 18                    Systemware Professional Services         Dallas, TX
## 19                                Confidential Company      Villanova, PA
## 20                          TCA Consulting Group, Inc.      New Haven, CT
## 21                                        CyberCoders      San Carlos, CA
## 22                                     Initech Global  Grand Rapids, MI
## 23                            Infostretch Corporation      Pleasanton, CA
```

```
## 24                     Synergy Business Consulting    Boca Raton, FL
## 25                     Ranger Technical Resources           Miami, FL
## 26                                    Systel,Inc.         Detroit, MI
## 27                              Technosmarts Inc          McLean, VA
## 28                                          CCAF         Oakland, CA
## 29                                        DynTek New York City, NY
## 30                                        Infosys           Plano, TX
## 31                                  Calsoft Labs      Menlo Park, CA
## 32               Adroit Software & Consulting Inc            Tampa, FL
## 33               Delta Information Systems, Inc.          Atlanta, GA
## 34  Sony Interactive Entertainment Network America     San Mateo, CA
## 35                                       Deloitte         Seattle, WA
## 36                                    CyberCoders         Norwich, VT
## 37                                   Aureus Group         Mission, KS
## 38                     The Matlen Silver Group, Inc. Jacksonville, FL
## 39                                        KBRwyle    Hanscom AFB, MA
## 40                            Xoriant Corporation     Saint Louis, MO
## 41                                       Kavaliro        Herndon, VA
## 42                                Food Safety Net    San Antonio, TX
## 43                             HCL Global Systems        Dearborn, MI
## 44                                 Net2Source Inc.       Cleveland, OH
## 45                              RedLine Associates       Pasadena, CA
## 46                               L7 Resources LLC.      Huntsville, AL
## 47                     Technical Resource Network       Englewood, CO
## 48                                 Mindsource Inc      Pleasanton, CA
## 49                                    CyberCoders     Alpharetta, GA
## 50                                 Applet Systems       Richmond, VA
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## 1  2016-10-17
## 2  2016-09-27
## 3  2016-10-23
## 4  2016-10-18
## 5  2016-10-17
## 6  2016-10-23
## 7  2016-10-19
## 8  2016-10-21
## 9  2016-09-23
## 10 2016-09-29
## 11 2016-10-10
## 12 2016-10-23
## 13 2016-10-21
## 14 2016-10-17
## 15 2016-10-21
## 16 2016-10-23
## 17 2016-10-17
## 18 2016-10-21
## 19 2016-10-11
## 20 2016-10-13
## 21 2016-10-23
## 22 2016-10-19
## 23 2016-10-20
## 24 2016-10-23
## 25 2016-10-18
## 26 2016-10-20
```

```
## 27 2016-10-21
## 28 2016-10-17
## 29 2016-10-10
## 30 2016-10-23
## 31 2016-10-21
## 32 2016-10-21
## 33 2016-10-19
## 34 2016-10-20
## 35 2016-10-23
## 36 2016-10-23
## 37 2016-10-23
## 38 2016-10-17
## 39 2016-10-03
## 40 2016-10-21
## 41 2016-10-21
## 42 2016-10-19
## 43 2016-10-21
## 44 2016-10-12
## 45 2016-10-23
## 46 2016-10-21
## 47 2016-10-19
## 48 2016-10-12
## 49 2016-10-23
## 50 2016-10-20

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## [1] 11681
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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
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## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Data+Engineering&city=&text=&
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##                                                                detailUrl
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## 2                 http://www.dice.com/job/result/90941044/2401?src=19
## 3            http://www.dice.com/job/result/10528254/linuxsat?src=19
## 4             http://www.dice.com/job/result/ngitbot/16012143?src=19
## 5        http://www.dice.com/job/result/appblok/1609_679864_0?src=19
## 6             http://www.dice.com/job/result/10115700c/514062?src=19
## 7          http://www.dice.com/job/result/10457621/STEVE1062?src=19
## 8              http://www.dice.com/job/result/ccetx001/744146?src=19
## 9    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 10     http://www.dice.com/job/result/cybercod/SE2-131608239?src=19
```

```
## 11              http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 12      http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 13        http://www.dice.com/job/result/kforcecx/ITWQG1559083?src=19
## 14        http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
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##                                                                    jobTitle
## 1                                                    Business/Systems Analyst
## 2                                                          Wireless Engineer
## 3   Linux Systems Engineer Red Hat Pre-Production Test Trading Banking Finance New Jersey
## 4                                            Assured Boot Team - Software Engineer 4
## 5                                              Cloud Architect - Eden Prairie, MN
## 6                                                        Full Stack Developer
## 7                       Software Engineer .NET  Fulltime / F2F Required Newark, CA
## 8                                                          Big Data Consultant
## 9                              Data Modeler III - Business Intelligence Architect
## 10                                            Senior Engineering Project Manager
## 11                                                            Security Analyst
## 12                                                Solutions Architect - E-commerce
## 13                                            Lead Quality Assurance Software Tester
```

214

```
## 14                             Research Engineer - Python, Machine Learning,
## 15                                              Senior Data Engineer
## 16                          Fullstack developer with big data Technologies
## 17                             Program Management And Engineering Leader
## 18                                    Mechanical Design Engineer (4839r)
## 19                             Business Analyst--Healthcare--Long Beach CA
## 20                                                     WCS Architect
## 21                                                  Software Engineer
## 22                                     SQL BI/ETL Developer - Canton, OH
## 23                                              Senior Data Analyst
## 24                     Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 25                                        Enterprise Architect - Manager
## 26                     Network Engineer~Competitive Compensation & Family-Oriented Team
## 27                                          BUSINESS SYSTEMS CONSULTANT
## 28                                              IT Operations manager
## 29                     Software Engineer - Programming, Blockchain Technology, bitcoin
## 30                                          Security Systems Engineer
## 31                                                        Oracle DBA
## 32                                       Clinical Annotator- data mining
## 33                                                  Software Engineer
## 34                                       Sr. Software Engineer, Dealer & OEM
## 35                                       GSSC Senior Mechanical Engineer (T4)
## 36                                       Associate Technician-Baseline (Net)
## 37                                                    Network Engineer
## 38                                          Data Cap/FileNet Developer
## 39                                                       Data scientist
## 40                                              Engineer Aeronautical 2
## 41                                              Java / Big Data Developer
## 42                                              Network Security Engineer
## 43                                                    Dev Ops Engineer
## 44                                       Professional Services Engineer- TAC
## 45                             Developer Business Intelligence(**DIRECT CLIENT**)
## 46                             Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 47                             Test Data Engineer - Relaxed environment and awesome culture!
## 48                                              Regional Account Executive
## 49                                        Sr. Analytics / Software Eningeer
## 50                     .NET Full Stack Developer, C#, ASP.NET MVC, Angular.JS, JavaScript
##                                  company              location        date
## 1                                     Volt        Jersey City, NJ 2016-10-23
## 2                          Wizard Staff, Inc          Irvine, CA 2016-10-17
## 3                          Joseph Harry Ltd      Parsippany, NJ 2016-10-07
## 4                          NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 5                          UnitedHealth Group       Santa Ana, CA 2016-10-23
## 6                        Randstad Technologies          Austin, TX 2016-10-23
## 7                            ScrumLink, Inc.          Newark, CA 2016-10-21
## 8                        Automation Image Inc.         Irving, TX 2016-10-20
## 9                                Fannie Mae      Washington, DC 2016-10-23
## 10                              CyberCoders       Chantilly, VA 2016-10-23
## 11                              Tentek, Inc.        Seattle, WA 2016-09-30
## 12                                 TeamSoft        Madison, WI 2016-10-21
## 13                              Kforce Inc.      Scottsdale, AZ 2016-10-22
## 14                              CyberCoders       San Mateo, CA 2016-10-23
## 15                                    Agile          Atlanta, GA 2016-10-23
## 16                          Neuro Systems Inc.      Sunnyvale, CA 2016-10-14
```

215

```
## 17    Concept Software & Services, Inc.               Atlanta, GA 2016-10-20
## 18          Embedded Resource Group, Inc     San Francisco, CA 2016-10-20
## 19             Sedna Consulting Group        Long Beach, CA 2016-10-23
## 20                 Cybersearch, Ltd.                Austin, TX 2016-10-19
## 21             Robert Half Technology            Houston, TX 2016-10-23
## 22 TapRoot Recruiting Solutions, Inc.            Canton, OH 2016-10-23
## 23                        Infodym               Herndon, VA 2016-10-06
## 24                     CyberCoders     San Francisco, CA 2016-10-23
## 25       Cognizant Technology Solutions          Hartford, CT 2016-10-23
## 26                     CyberCoders          Richmond, VA 2016-10-23
## 27               Matrix Resources         Charlotte, NC 2016-10-23
## 28                       Uniqsoft     Woodcliff Lake, NJ 2016-10-21
## 29                     CyberCoders         Palo Alto, CA 2016-10-23
## 30                         Amazon          Boardman, OR 2016-10-19
## 31                         eclaro           atlanta, GA 2016-09-26
## 32           Javen Technologies, Inc     Taylorsville, UT 2016-10-19
## 33            Sage Software, Inc.               Atlanta, GA 2016-10-23
## 34                       Cargurus        Cambridge, MA 2016-10-23
## 35               NORTHROP GRUMMAN            Hill Afb, UT 2016-10-22
## 36               Matrix Resources     Fort Stockton, TX 2016-10-23
## 37                         Linium              Albany, NY 2016-10-23
## 38     22nd Century Technologies, Inc.         Lansing,, MI 2016-10-21
## 39         Infogium Technologies, LLC        Charlotte, NC 2016-09-26
## 40               NORTHROP GRUMMAN         San Diego, CA 2016-10-22
## 41             Xoriant Corporation          Bristol, CT 2016-10-21
## 42             Robert Half Technology       Los Angeles, CA 2016-10-23
## 43               Corus Group, LLC        Morrisville, NC 2016-10-23
## 44               iDirect Government          Herndon, VA 2016-10-23
## 45             XCEL Solutions Corp.          NEW YORK, NY 2016-10-23
## 46                     CyberCoders             Nashua, NH 2016-10-23
## 47                     CyberCoders              Boise, ID 2016-10-23
## 48                     PeerSource            Chicago, IL 2016-10-20
## 49                 The Judge Group     Burlington, MA 2016-10-23
## 50         P. Murphy & Associates, Inc      West Hills, CA 2016-10-21
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $lastDocument
## [1] 50
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##
## $resultItemList
##                                                                 detailUrl
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## 1      http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
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## 3      http://www.dice.com/job/result/cybercod/RR2-131706236?src=19
## 4              http://www.dice.com/job/result/10371565/723858?src=19
## 5            http://www.dice.com/job/result/10126196/16-00170?src=19
## 6            http://www.dice.com/job/result/907374372/TS10099?src=19
## 7       http://www.dice.com/job/result/cybercod/ES1-13241856?src=19
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## 11      http://www.dice.com/job/result/cybercod/JR4-13237803?src=19
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## 13     http://www.dice.com/job/result/cybercod/MF3-130380172?src=19
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## 16            http://www.dice.com/job/result/90833617/692699?src=19
## 17      http://www.dice.com/job/result/cybercod/LN1-13255112?src=19
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## 45            http://www.dice.com/job/result/NM11535/735641?src=19
## 46    http://www.dice.com/job/result/cybercod/BW4-130993467?src=19
## 47    http://www.dice.com/job/result/cybercod/AW2-130721852?src=19
## 48             http://www.dice.com/job/result/mominc/#87-B?src=19
## 49            http://www.dice.com/job/result/aardvark/7887?src=19
## 50   http://www.dice.com/job/result/cybercod/JR4-1301235106?src=19
##                                                              jobTitle
## 1                             Data Scientist - JOIN A GROWING TEAM!
## 2                                       Cloud Specialist (IaaS / PaaS)
## 3                    Sr. Java Developer - Spring/Hibernate - Career Growth
```

```
## 4                        Principal/Senior Architect  High Performance Computing San Jose,CA
## 5                                             senior java backend developer
## 6                                              EUC/ Infrastructure Architect
## 7                                          Java Engineer (Distributed Systems)
## 8                                                    Java Platform Engineer
## 9              Systems Analyst Salesforce Admin Consultant -- Full-time -- IL / TX..
## 10                                            Senior Technology Architect - US
## 11                                       Cyber Security Architect - Cognitive Mapping
## 12               Sr. Data Infrastructure Engineer- VC Backed, Healthcare Startup!
## 13               Lawson Business Analyst - Lawson M3, Financial Modules, Hyperion
## 14                                                   Software Engineer (C++)
## 15              Sr. Performance Architect with Core Java Coding skills   ...   NO H-1
## 16                                          SAP Master Data Governance Specialist
## 17                                                Microelectronics R&D Engineer
## 18                              Software Automation Engineer  / Support Engineer
## 19                       Software Product Manager - Big Data, Distributed Systems
## 20                                       Data Scientist - Python, Hadoop/MapReduce
## 21                       Distributed Systems Engineer- Internet Scale AI Platform!
## 22                                             Sr. Software Engineer (Backend)
## 23               Go / GoLang Developer - Highly Concurrent Distributed Web App
## 24                                                       Software Engineer
## 25                                                   Member of Technical Staff
## 26                              Distributed System Engineer/Developer - FTE
## 27                                              Database Optimizer Engineer
## 28               C++ Developer - Server Architecture, Cloud, Parallel Computing
## 29                                          Java/Apache/Lucene Search Engineer
## 30               Urgent- DIRECT CLIENT - Software Development Engineer (.Net technolog
## 31                                                          EUC Analyst
## 32               Sr. Software Engineer - Workload Scheduling & Resource Management
## 33                                          Full Stack Developer (Java or .Net)
## 34                              Commodities Trading Python Analytic App Developer
## 35                              Solution Design Engineer - Data Center Services
## 36                                                  Senior Data Engineer
## 37                                    Senior Linux, Redhat, and Cisco UCS Engineer
## 38               Microsoft Dynamics Customer Relationship Management (CRM) Lead
## 39                                                Senior Product Manager
## 40 60/hr 10+ Year Java Developer with Cloud/PaaS. 12+ Months. Contract. Seattle, WA. (L-2730) (C)
## 41                       Senior Software Engineer in Unified Communication Middleware
## 42                              Senior Backend Developer to join GREAT start-up!
## 43                                             Azure Cloud Architect (Demo)
## 44                                                       DevOps Engineer
## 45                                                       Stack Developer
## 46                                       Software Developer - New Graduate
## 47                              Senior Data Engineer- Java, Python, Scala
## 48                                                Systems Engineer (Azure)
## 49                                              CLOUD SECURITY ARCHITECT
## 50                       DevOps Engineer (Streaming Analytics) - Linux, AWS, openStack
##                              company              location        date
## 1                       CyberCoders       Cambridge, MA 2016-10-23
## 2      Systems Technology Group Inc. (STG)       Dearborn, MI 2016-10-14
## 3                       CyberCoders          Austin, TX 2016-10-23
## 4                     Intelecox Inc.      San Jose, CA 2016-10-20
## 5                    Shimento, Inc.   San Francisco, CA 2016-10-21
## 6                   Genesis NGN Inc.          tampa, FL 2016-10-18
```

218

```
## 7                                CyberCoders          San Mateo, CA 2016-10-23
## 8                           The Armada Group          Sunnyvale, CA 2016-10-23
## 9                       Buckeye Global IT Inc         Richardson, TX 2016-10-21
## 10                                   Infosys              Plano, TX 2016-10-23
## 11                               CyberCoders            Orlando, FL 2016-10-23
## 12                               CyberCoders      San Francisco, CA 2016-10-23
## 13                               CyberCoders          Fort Myers, FL 2016-10-23
## 14              Strategic Employment Partners        Burlington, MA 2016-10-21
## 15                              HCM TEK Inc.           Iowa City, IA 2016-10-20
## 16              Louisiana Economic Development       Baton Rouge, LA 2016-10-14
## 17                               CyberCoders           Chantilly, VA 2016-10-23
## 18            Prairie Consulting Services, Inc             Keller, TX 2016-10-21
## 19                               CyberCoders      San Francisco, CA 2016-10-23
## 20                               CyberCoders          Washington, DC 2016-10-23
## 21                               CyberCoders      San Francisco, CA 2016-10-23
## 22                           BroadPoint Group             Seattle, WA 2016-10-21
## 23                               CyberCoders                Brea, CA 2016-10-23
## 24               Bernard, Nickels & Associates       New York, NY 2016-10-20
## 25              Technology Search International       Palo Alto, CA 2016-10-23
## 26                          TEKsystems, Inc.          Richmond, VA 2016-10-23
## 27                  U.S. Tech Solutions Inc.        Santa Clara, CA 2016-10-20
## 28                               CyberCoders             Seattle, WA 2016-10-23
## 29                           Case Interactive          New York, NY 2016-10-20
## 30                  Stellar Soft Solutions Inc       Santa Clara, CA 2016-10-18
## 31                            UST Global Inc          Riverwoods, IL 2016-10-19
## 32                  U.S. Tech Solutions Inc.        Santa Clara, CA 2016-10-20
## 33                                    Amazon             Seattle, WA 2016-10-06
## 34        Mordue, Allen, Roberts, Bonney, Ltd        Greenwich, CT 2016-10-23
## 35                          Intertek USA Inc.            Houston, TX 2016-10-03
## 36                                FusionForte      Mountain View, CA 2016-10-17
## 37                     Alpha Consulting Corp.            Rockaway, NJ 2016-10-23
## 38              Louisiana Economic Development       Baton Rouge, LA 2016-10-11
## 39                  NetBrain Technologies Inc.        Burlington, MA 2016-10-11
## 40                            LEVERAGEncy, LLC            Seattle, WA 2016-10-21
## 41                  U.S. Tech Solutions Inc.        Santa Clara, CA 2016-10-20
## 42                               CyberCoders Westlake Village, CA 2016-10-23
## 43              Louisiana Economic Development         Lafayette, LA 2016-09-27
## 44                  Partner's Consulting, Inc.      Philadelphia, PA 2016-10-20
## 45          Concept Software & Services, Inc.        Scottsdale, AZ 2016-10-20
## 46                               CyberCoders              Irvine, CA 2016-10-23
## 47                               CyberCoders           Palo Alto, CA 2016-10-23
## 48                        Mind Over Machines            Columbia, MD 2016-10-13
## 49 Aardvark Systems and Programming Inc.              Beford, MA 2016-10-21
## 50                               CyberCoders          Alexandria, VA 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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##
## $resultItemList
##                                                                                    detailUrl
## 1                          http://www.dice.com/job/result/cxjudgpa/509451?src=19
## 2                          http://www.dice.com/job/result/90885477/725939?src=19
## 3                          http://www.dice.com/job/result/amazon20/421626?src=19
## 4                         http://www.dice.com/job/result/10111560/16-03274?src=19
## 5                         http://www.dice.com/job/result/RTL048024/16-0100?src=19
## 6   http://www.dice.com/job/result/chicos/9535 Location Fort Myers, Florida?src=19
## 7                          http://www.dice.com/job/result/10109766/SSBC6529?src=19
## 8                          http://www.dice.com/job/result/ngitbot/15021467?src=19
## 9                 http://www.dice.com/job/result/softwinc/Softworld_2222-716?src=19
## 10               http://www.dice.com/job/result/booz/J3J1XP64N6R6GGM76DS?src=19
## 11                         http://www.dice.com/job/result/RTX13ad66/312893?src=19
## 12                          http://www.dice.com/job/result/10181431/722013?src=19
## 13                 http://www.dice.com/job/result/RTX16fdb9/550406-829?src=19
## 14                            http://www.dice.com/job/result/horiztp/15044?src=19
## 15                            http://www.dice.com/job/result/10110945/4932?src=19
## 16                            http://www.dice.com/job/result/10112000/8285?src=19
## 17                         http://www.dice.com/job/result/amazusret/455279?src=19
## 18                 http://www.dice.com/job/result/10113386/WAQAManager-13245?src=19
## 19                         http://www.dice.com/job/result/ngitbot/16016988?src=19
## 20                           http://www.dice.com/job/result/10212908/GD099?src=19
## 21                           http://www.dice.com/job/result/10110945/4936?src=19
## 22                          http://www.dice.com/job/result/10212908/GD100?src=19
## 23                          http://www.dice.com/job/result/ngitbot/16014916?src=19
## 24                          http://www.dice.com/job/result/ngitbot/16012883?src=19
## 25                           http://www.dice.com/job/result/10127643A/8587?src=19
## 26                           http://www.dice.com/job/result/10110945/4977?src=19
## 27                         http://www.dice.com/job/result/amazon20/433927?src=19
## 28                 http://www.dice.com/job/result/appblok/1609_660382_3?src=19
## 29                          http://www.dice.com/job/result/ngitbot/16009733?src=19
## 30               http://www.dice.com/job/result/10106409/SciSoft-4493616?src=19
## 31                          http://www.dice.com/job/result/compexpr/563309?src=19
## 32                          http://www.dice.com/job/result/10126416/689037?src=19
## 33                           http://www.dice.com/job/result/10110945/4691?src=19
## 34                         http://www.dice.com/job/result/90734436/16-07298?src=19
## 35                         http://www.dice.com/job/result/10444401/oWK13fwu?src=19
## 36                           http://www.dice.com/job/result/10110945/4692?src=19
## 37                           http://www.dice.com/job/result/10117623/2082?src=19
## 38                          http://www.dice.com/job/result/10106325/692483?src=19
## 39                 http://www.dice.com/job/result/10497505/4981610103?src=19
## 40                 http://www.dice.com/job/result/kforcecx/ITAQG1567934?src=19
## 41                           http://www.dice.com/job/result/10110945/5000?src=19
## 42                          http://www.dice.com/job/result/SOFTENG/2002942?src=19
## 43                          http://www.dice.com/job/result/RTL208333/16001491?src=19
## 44                          http://www.dice.com/job/result/cxcnetut/16-03297?src=19
```

```
## 45                               http://www.dice.com/job/result/10110945/4095?src=19
## 46                               http://www.dice.com/job/result/ngitbot/16023960?src=19
## 47                               http://www.dice.com/job/result/10369495/3408?src=19
## 48                               http://www.dice.com/job/result/amazon20/386949?src=19
## 49                               http://www.dice.com/job/result/ngitbot/16023957?src=19
## 50                               http://www.dice.com/job/result/silent/TRVJP2677?src=19
##                                                                            jobTitle
## 1                                                        Test Engineering Architect
## 2                                                             Infrastructure Manager
## 3                                          Quality Assurance Engineer - Amazon Business
## 4                                                        Release Train Engineer (RTE)
## 5                                                                       Sr. Team Lead
## 6                                                     Senior Analyst, Logistics Apps
## 7                                              Training Instructional Systems Designer
## 8                                                 Cyber Software Engineer 3 - Test
## 9                                             Enterprise Architect/ Software Developer
## 10                                                        Systems Engineer, Senior
## 11                                                   Instructional Designer and Trainer
## 12                                                                    IT Service Lead
## 13                                                              Sr. Technical Trainer
## 14   Sr. Infrastructure Project Manager [Network & Hosting Transformations]
## 15                                                                    Project Engineer
## 16                                                              Director of Engineering
## 17                                                       Software Development Engineer
## 18                        Quality Manager/Testing Manager/Quality Assurance Manager
## 19                                                          Cyber Software Engineer 4
## 20                                                 GD099 Scientific Software Programmer
## 21                                                        SIGINT Geospatial Analyst II
## 22                                                  GD100 Earth Data Support Scientist
## 23                                                          Cyber Systems Engineer 4
## 24                                                          Cyber Software Engineer 2/3
## 25                                                                             Trainer
## 26                                                              Ruby on Rails Developer
## 27                                                     Senior Industrial Design Researcher
## 28  Director, Data & Advanced Analytic Tools Consulting - Multiple Locations
## 29                                          Principal Cyber Systems Engineer w/ Polygraph
## 30                                             Scientific Software Specialist and BA
## 31                                                                    Software Developer
## 32                                                                     Technical Writer
## 33                                                    Associate Data Analytics Engineer
## 34                             Senior IT Applications Training Developer Instructor
## 35                                                     EDI Analyst - Encounters and Claims
## 36                                                                  Software Engineer III
## 37                                                                Senior Data Scientist
## 38                                                     Business Analyst Senior - SDM #588mp
## 39                    PeopleSoft HCM 9.2 Functional Consultant (HR/Benefits Module)
## 40                                             GE Centricity Business (IDX) Trainers
## 41                                                              Cyber Security Engineer
## 42                                                             Data Integration Analyst
## 43                                                     Desktop Systems Administrator-MAC
## 44                                                                      .NET Developer
## 45                                                            Senior Software Engineer
## 46                                                             Cyber Software Engineer 3
## 47                                                                     Technical Writer
```

221

```
## 48                              Sr. Multimodal Machine Learning Scientist
## 49                                           Cyber Software Engineer 2
## 50                              Business Newsletter/Marketing (NO H1-B)
##                                    company            location       date
## 1                        The Judge Group      New York, NY 2016-10-23
## 2               SinglePoint Staffing, Inc.      Phoenix, AZ 2016-10-21
## 3                                Amazon         Austin, TX 2016-10-19
## 4                       iTech Solutions, Inc      Hartford, CT 2016-10-13
## 5                               Astadia    Jacksonville, FL 2016-10-20
## 6                               Chico's      Fort Myers, FL 2016-10-23
## 7                          Innovar Group      Englewood, CO 2016-10-20
## 8                       NORTHROP GRUMMAN      Fort Meade, MD 2016-10-22
## 9                          Softworld Inc   Warner Robins, GA 2016-10-23
## 10                    Booz Allen Hamilton       Lexington, MA 2016-10-23
## 11                  University of Minnesota    Minneapolis, MN 2016-10-21
## 12                          Meridianlink      Costa Mesa, CA 2016-10-03
## 13                          MicroPact Inc        Herndon, VA 2016-10-23
## 14      Horizon Technology Partners, Inc       Chicago, IL 2016-10-21
## 15                               Noblis      Chantilly, VA 2016-10-23
## 16                      Andiamo Partners      New York, NY 2016-10-23
## 17                               Amazon        Seattle, WA 2016-10-23
## 18      Information Resource group, Inc.       Seattle, WA 2016-10-21
## 19                     NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 20                     Adnet Systems, Inc      Greenbelt, MD 2016-10-23
## 21                               Noblis Annapolis Junction, MD 2016-10-23
## 22                     Adnet Systems, Inc      Greenbelt, MD 2016-10-23
## 23                     NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 24                     NORTHROP GRUMMAN      Millersville, MD 2016-10-22
## 25                            Allscripts    New Hyde Park, NY 2016-10-23
## 26                               Noblis        Virginia, VA 2016-10-23
## 27                               Amazon   San Francisco, CA 2016-10-19
## 28                    UnitedHealth Group      Washington, DC 2016-10-23
## 29                     NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 30 CSI (Consultant Specialists Inc.)      Brentwood, CA 2016-10-21
## 31                        The CEI Group       sunnyvale, CA 2016-10-20
## 32                             Vivo Inc.      Foster City, CA 2016-09-28
## 33                               Noblis     Falls Church, VA 2016-10-23
## 34            Technology Resource Group      Wilmington, DE 2016-10-21
## 35                        Valence Health         Chicago, IL 2016-10-23
## 36                               Noblis Annapolis Junction, MD 2016-10-23
## 37                              comScore        Portland, OR 2016-10-23
## 38                        Quadrant Four       Dearborn, MI 2016-10-19
## 39                          Alans Group        Portland, OR 2016-10-21
## 40                          Kforce Inc.        Marlton, NJ 2016-10-22
## 41                               Noblis    United States 2016-10-23
## 42       Software Engineering Institute      Pittsburgh, PA 2016-10-03
## 43                         ASRC Federal   Moffett Field, CA 2016-10-23
## 44                       ConsultNet, LLC         Irving, TX 2016-10-23
## 45                               Noblis Annapolis Junction, MD 2016-10-23
## 46                     NORTHROP GRUMMAN         Fairfax, VA 2016-10-22
## 47                    Ke'aki Technologies    Fort Detrick, MD 2016-10-10
## 48                               Amazon       Cambridge, MA 2016-10-19
## 49                     NORTHROP GRUMMAN         Herndon, VA 2016-10-22
## 50                          ADPI, LLC..       Hartford, CT 2016-10-20
```

```
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 32
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 32
##
## $resultItemList
##                                                       detailUrl
## 1          http://www.dice.com/job/result/90833617/727587?src=19
## 2   http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 3         http://www.dice.com/job/result/10114776/SMA00005?src=19
## 4            http://www.dice.com/job/result/opensyst/31678?src=19
## 5          http://www.dice.com/job/result/10294672/JD_Quant?src=19
## 6    http://www.dice.com/job/result/cybercod/KE2-13250514?src=19
## 7      http://www.dice.com/job/result/10106050/1600003679?src=19
## 8          http://www.dice.com/job/result/chenj001/16-03950?src=19
## 9   http://www.dice.com/job/result/cybercod/KSK-126801727?src=19
## 10  http://www.dice.com/job/result/90969740/BUS-16-00013?src=19
## 11         http://www.dice.com/job/result/10427675/JE-C-DS?src=19
## 12          http://www.dice.com/job/result/90833617/727585?src=19
## 13        http://www.dice.com/job/result/10121728/JR-Py-14?src=19
## 14 http://www.dice.com/job/result/cybercod/NNG-123041272?src=19
## 15         http://www.dice.com/job/result/10114838/739409?src=19
## 16      http://www.dice.com/job/result/10116711/PUR010013?src=19
## 17         http://www.dice.com/job/result/RTL000349/402973?src=19
## 18 http://www.dice.com/job/result/cybercod/BP2-131950326?src=19
## 19         http://www.dice.com/job/result/10313788/248417?src=19
## 20          http://www.dice.com/job/result/10507690/SMMA1?src=19
## 21         http://www.dice.com/job/result/10366547/616375?src=19
## 22         http://www.dice.com/job/result/90833617/688621?src=19
## 23  http://www.dice.com/job/result/10208346H/2412_Ora_NJ?src=19
## 24         http://www.dice.com/job/result/10313788/248027?src=19
## 25         http://www.dice.com/job/result/90833617/715670?src=19
## 26         http://www.dice.com/job/result/90833617/676377?src=19
## 27       http://www.dice.com/job/result/RTX1ba47c/4724197?src=19
## 28         http://www.dice.com/job/result/90833617/741806?src=19
## 29        http://www.dice.com/job/result/10197369/AScplus?src=19
## 30         http://www.dice.com/job/result/10200989/156162?src=19
## 31         http://www.dice.com/job/result/10518369/745311?src=19
## 32 http://www.dice.com/job/result/cybercod/GL1-128088261?src=19
##                                                        jobTitle
## 1                       Senior Software Testing Specialist (ITC 1020)
## 2                             Data Scientist - Junior-Senior Levels!
## 3                       Supervisor, Rating and Underwriting Consultant
## 4                                            Python Quant Developer
```

```
## 5                                             Quantitative Strategist
## 6                                         LabView Developer-Start-up!
## 7                                          Technical Business Analyst
## 8                                                       Data Scientist
## 9                                    Mechanical Engineer - Boiler Design
## 10                                      Business Intelligence Analyst
## 11                                                      Data Scientist
## 12                           Senior Professional Test Specialist (ITC 744)
## 13                                          Python Algorithm Developer
## 14                                               Lead Data Scientist
## 15                                        Account Operations Specialist
## 16                                Supply Chain Analyst - SQL Programmer
## 17                                            Site Reliability Engineer
## 18            Physics Lead Instructor - Video Instruction, Physics, Education
## 19               Assistant/Associate/Examiner/Senior Examiner - Complian
## 20                                                Principal Architect
## 21          Lead Node.js Software Engineer / Architect (up to $160k, 1% equity)
## 22                                                     Java Developer
## 23                                              Sr. Quant Developer
## 24                                    Examiner II/Senior Examiner - LOB
## 25          Associate Engineer - Global Operations Leadership Development (GOLD)
## 26                        GBS Consulting By Degrees Analytics Consultant
## 27                                     Information Technology Manager
## 28                                          Healthcare Data Analyst
## 29 Senior C++/Linux Programmer with Strong Math - Exceptional Career Opportunity
## 30                       Principal Systems Engineer Active Secret Clearance
## 31                                                    Product Analyst
## 32                     Director of Customer Analytics - Strategic thought leader
##                                company           location        date
## 1   Louisiana Economic Development  Bossier City, LA 2016-10-06
## 2                       CyberCoders   Los Angeles, CA 2016-10-23
## 3                             BCBSM        Detroit, MI 2016-10-23
## 4         Open Systems Technologies     New York, NY 2016-10-17
## 5           Futures Group IT LLC.     New York, NY 2016-10-17
## 6                       CyberCoders        Irving, TX 2016-10-23
## 7                               ICF        Fairfax, VA 2016-10-23
## 8       Chenoa Information Services   TITUSVILLE, NJ 2016-10-06
## 9                       CyberCoders     Millbrook, AL 2016-10-23
## 10                BCBSAZ Advantage        Phoenix, AZ 2016-10-13
## 11    MatchPoint Consulting Group          Wayne, PA 2016-10-21
## 12 Louisiana Economic Development  Bossier City, LA 2016-10-06
## 13                 Cypress Group      New York, NY 2016-10-07
## 14                     CyberCoders   Los Angeles, CA 2016-10-23
## 15               Hire Velocity, LLC       Phoenix, AZ 2016-10-17
## 16               MEDLINE INDUSTRIES     Mundelein, IL 2016-10-23
## 17                          Audible        Newark, NJ 2016-10-23
## 18                     CyberCoders          Miami, FL 2016-10-23
## 19           Federal Reserve Bank     Cleveland, OH 2016-10-23
## 20                 Windsor Partners         boston, MA 2016-10-21
## 21             Skyrocket Ventures San Francisco, CA 2016-10-20
## 22 Louisiana Economic Development  Bossier City, LA 2016-10-10
## 23                        Collabera    Jersey City, NJ 2016-10-21
## 24           Federal Reserve Bank     Cleveland, OH 2016-10-23
## 25 Louisiana Economic Development        Monroe, LA 2016-09-28
```

```
## 26 Louisiana Economic Development     Baton Rouge, LA 2016-09-30
## 27              City of El Cerrito     El Cerrito, CA 2016-10-04
## 28 Louisiana Economic Development       Lafayette, LA 2016-10-18
## 29   Hamilton Technical Personnel     Jersey City, NJ 2016-10-23
## 30                HKA Enterprises         Norfolk, VA 2016-10-21
## 31                    ArborMetrix       Ann Arbor, MI 2016-10-20
## 32                    CyberCoders      El Segundo, CA 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 2271
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Modeling&city=&text=&ip=&dice
##
## $resultItemList
##                                                          detailUrl
## 1        http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 2         http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 3           http://www.dice.com/job/result/10124153/SUN-11237?src=19
## 4         http://www.dice.com/job/result/kforcecx/ITEQG1572127?src=19
## 5         http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 6            http://www.dice.com/job/result/aces/00020175051?src=19
## 7             http://www.dice.com/job/result/amazon20/452728?src=19
## 8              http://www.dice.com/job/result/apexsan/731257?src=19
## 9            http://www.dice.com/job/result/ngitbot/16001434?src=19
## 10           http://www.dice.com/job/result/cxjudgpa/508966?src=19
## 11           http://www.dice.com/job/result/10110894/SEV170?src=19
## 12           http://www.dice.com/job/result/90969990/738031?src=19
## 13           http://www.dice.com/job/result/10323494/687149?src=19
## 14           http://www.dice.com/job/result/ngitbot/16012390?src=19
## 15           http://www.dice.com/job/result/10397987/745041?src=19
## 16           http://www.dice.com/job/result/amazon20/424209?src=19
## 17          http://www.dice.com/job/result/cxcnetut/16-03197?src=19
## 18              http://www.dice.com/job/result/uhgbot/668799?src=19
## 19           http://www.dice.com/job/result/ngitbot/16018203?src=19
## 20           http://www.dice.com/job/result/ngitbot/16020947?src=19
## 21       http://www.dice.com/job/result/90940991/BBA000012798800?src=19
## 22          http://www.dice.com/job/result/cxprince/16-10910?src=19
## 23           http://www.dice.com/job/result/ngitbot/16020557?src=19
## 24     http://www.dice.com/job/result/cxvolt/J3J3TB64GYK29DV4FDR?src=19
## 25               http://www.dice.com/job/result/10338938/933?src=19
## 26          http://www.dice.com/job/result/10115700c/512063?src=19
## 27              http://www.dice.com/job/result/infco001/2194?src=19
```

```
## 28                             http://www.dice.com/job/result/strny/378518?src=19
## 29    http://www.dice.com/job/result/RTL308614/J3H4GN6V1BRVDBCNT8S?src=19
## 30                    http://www.dice.com/job/result/ngitbot/16025049?src=19
## 31             http://www.dice.com/job/result/appblok/1609_658923?src=19
## 32                    http://www.dice.com/job/result/srabot/2619920?src=19
## 33        http://www.dice.com/job/result/rhalfint/03200-9500191186?src=19
## 34            http://www.dice.com/job/result/cybercod/PA1-131255756?src=19
## 35        http://www.dice.com/job/result/10294672/TD_CCAR_modeler?src=19
## 36                    http://www.dice.com/job/result/infogrup/16671?src=19
## 37                http://www.dice.com/job/result/10115700c/514663?src=19
## 38                     http://www.dice.com/job/result/infco001/2327?src=19
## 39                    http://www.dice.com/job/result/tricom/731915?src=19
## 40                 http://www.dice.com/job/result/ngitbot/16012620?src=19
## 41                 http://www.dice.com/job/result/ngitbot/16022037?src=19
## 42          http://www.dice.com/job/result/cybercod/PB2-132181117?src=19
## 43          http://www.dice.com/job/result/cybercod/PB2-131915426?src=19
## 44                 http://www.dice.com/job/result/ngitbot/16023281?src=19
## 45                   http://www.dice.com/job/result/uhgbot/683606?src=19
## 46 http://www.dice.com/job/result/cybercod/AS3-NLPDataScientist5?src=19
## 47                 http://www.dice.com/job/result/sgainc/16-03440?src=19
## 48                 http://www.dice.com/job/result/amazon20/386614?src=19
## 49                 http://www.dice.com/job/result/10245078/608840?src=19
## 50                 http://www.dice.com/job/result/10275036/denba2016?src=19
##                                                                jobTitle
## 1              Data Modeler III - Business Intelligence Architect
## 2                   Research Engineer - Python, Machine Learning,
## 3                                             Software Developer
## 4                                               Senior Developer
## 5          Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 6                                   Enterprise Architect - Manager
## 7                                     Technical Program Manager
## 8                                                   Data Modeler
## 9                          Air Vehicle Configuration Engineer 3
## 10                                     Manager, Data Engineering
## 11                                        Oracle PL/SQL Developer
## 12               Energy Systems Administrator - Sioux Falls, SD
## 13                                    Big Data / ETL/DB Developer
## 14                                  Cyber Systems Engineer 3 or 4
## 15                                        Data Modeler - SAP HANA
## 16                                                Data Scientist
## 17                                            Software Engineer
## 18            Account Management Solutions Architect - Boston, MA
## 19                    Systems Modeling and Simulation Engineer 2
## 20                                     Mass Properties Engineer
## 21                                            Sr. ETL Developer
## 22                                              Business Analyst
## 23                          C2BMC Software Engineer 3 (16-145)
## 24 Hadoop Data Analyst (Spark R Machine Learning PERL MatLab SQL)
## 25                                         DB2 Database Developer
## 26                            SAP S/4 HANA Technical Consultant
## 27                                            Software Developer
## 28                        Computer Systems Software Engineer
## 29                          Database Administrator ( SQL / MONGO)
## 30                            C2BMC Network Engineer 4 (16-182)
```

```
## 31                                        Data Architect - Minnetonka, MN
## 32                        Microsoft SQL Server Database Administrator
## 33                        Business Intelligence Analyst---FULL TIME---
## 34     Data Engineer - Data Modeling, Data Warehousing, SQL/NoSQL
## 35                                     Quant Modeler - CCAR (contract)
## 36         Business Analyst - Finance Analytics Solutions 5630427
## 37                                       Developer - ETL/Datastage II
## 38                                    Database Architect / Engineer
## 39                                       Data & BI Sr Data Engineer
## 40         Spacecraft Controls Analyst 5 (Cambridge, Massachusetts)
## 41                                                Systems Engineer
## 42        Network Security Engineer - Relocate to New Castle, DE!
## 43 Network Security Engineer - Firewalls, L3 Networking, Scripting
## 44                        C2BMC Software Engineer Lead 4 (16-167)
## 45              Healthcare IT Business Analyst - Telecommute
## 46                        Data Scientist- NLP (Must have)/ Python
## 47                                            .Net/VB.Net Developer
## 48                        Business Intelligence/Data Engineer
## 49                        Robotics Process Automation Modeler
## 50                                               senior data analyst
##                                          company               location
## 1                                     Fannie Mae         Washington, DC
## 2                                     CyberCoders          San Mateo, CA
## 3                          Enterprise Logic Inc.          Hillsboro, OR
## 4                                     Kforce Inc.            Chicago, IL
## 5                                     CyberCoders      San Francisco, CA
## 6              Cognizant Technology Solutions           Hartford, CT
## 7                                         Amazon             Tempe, AZ
## 8                              Apex Systems, Inc           Roseland, NJ
## 9                              NORTHROP GRUMMAN          Melbourne, FL
## 10                              The Judge Group        Burlington, MA
## 11                        Maxima Consulting Inc              Boston, MA
## 12               Missouri River Energy Services        Des Moines, IA
## 13                        Horizon International            Danbury, CT
## 14                              NORTHROP GRUMMAN Annapolis Junction, MD
## 15                              NewWay Recruiting      West Chester, PA
## 16                                        Amazon         Cambridge, MA
## 17                                ConsultNet, LLC          Arlington, TX
## 18                             UnitedHealth Group            Boston, MA
## 19                              NORTHROP GRUMMAN          Melbourne, FL
## 20                              NORTHROP GRUMMAN     Redondo Beach, CA
## 21                Bebee Affinity Social Network           New York, NY
## 22                     Princeton Information Ltd               Tampa, FL
## 23                              NORTHROP GRUMMAN   Colorado Springs, CO
## 24                                          Volt        Davenport, CA
## 25                                        VeriCour             Denver, CO
## 26                          Randstad Technologies            Detroit, MI
## 27 Information Technology Engineering Corporation             Aurora, CO
## 28                                Superior Group          Arlington, TX
## 29                          Dominion Enterprises          Boca Raton, FL
## 30                              NORTHROP GRUMMAN   Colorado Springs, CO
## 31                             UnitedHealth Group          Minnetonka, MN
## 32                                          CSRA           Linwood, NJ
## 33                          Robert Half Technology       Huntersville, NC
```

```
## 34                                                  CyberCoders          Lake Forest, IL
## 35                                        Futures Group IT LLC.            New York, NY
## 36                                           Infogroup Northwest            Portland, OR
## 37                                         Randstad Technologies                      VA
## 38 Information Technology Engineering Corporation            Richardson, TX
## 39                                    TriCom Technical Services            Hopkins, MN
## 40                                            NORTHROP GRUMMAN            Cambridge, MA
## 41                                            NORTHROP GRUMMAN      Redondo Beach, CA
## 42                                                  CyberCoders          Philadelphia, PA
## 43                                                  CyberCoders            New Castle, DE
## 44                                            NORTHROP GRUMMAN  Colorado Springs, CO
## 45                                          UnitedHealth Group      Salt Lake City, UT
## 46                                                  CyberCoders            Berkeley, CA
## 47                                Software Guidance & Assistance          Wilmington, DE
## 48                                                       Amazon              Newark, NJ
## 49                                 Pareto Solutions Group, Inc.            Atlanta, GA
## 50                                              A2C Consulting          englewood, CO
##          date
## 1  2016-10-23
## 2  2016-10-23
## 3  2016-10-19
## 4  2016-10-22
## 5  2016-10-23
## 6  2016-10-23
## 7  2016-10-19
## 8  2016-10-11
## 9  2016-10-22
## 10 2016-10-23
## 11 2016-10-20
## 12 2016-10-18
## 13 2016-10-20
## 14 2016-10-22
## 15 2016-10-20
## 16 2016-10-19
## 17 2016-10-23
## 18 2016-10-23
## 19 2016-10-22
## 20 2016-10-22
## 21 2016-10-23
## 22 2016-10-23
## 23 2016-10-22
## 24 2016-10-23
## 25 2016-10-21
## 26 2016-10-23
## 27 2016-10-23
## 28 2016-10-23
## 29 2016-10-23
## 30 2016-10-22
## 31 2016-10-23
## 32 2016-10-23
## 33 2016-10-23
## 34 2016-10-23
## 35 2016-10-21
## 36 2016-10-23
```

```
## 37 2016-10-23
## 38 2016-10-23
## 39 2016-10-11
## 40 2016-10-22
## 41 2016-10-22
## 42 2016-10-23
## 43 2016-10-23
## 44 2016-10-22
## 45 2016-10-23
## 46 2016-10-23
## 47 2016-10-23
## 48 2016-10-19
## 49 2016-10-13
## 50 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 17
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 17
##
## $resultItemList
##                                                        detailUrl
## 1     http://www.dice.com/job/result/cybercod/MM4-13253973?src=19
## 2   http://www.dice.com/job/result/cybercod/ES1-1263222120?src=19
## 3               http://www.dice.com/job/result/usts/112938?src=19
## 4           http://www.dice.com/job/result/10313788/246683?src=19
## 5          http://www.dice.com/job/result/zinncorp/ZPM6663?src=19
## 6            http://www.dice.com/job/result/zycron/641385?src=19
## 7          http://www.dice.com/job/result/10196450/Int10168?src=19
## 8            http://www.dice.com/job/result/precisn/3032DI?src=19
## 9           http://www.dice.com/job/result/10116288/683505?src=19
## 10          http://www.dice.com/job/result/10453748/8161422?src=19
## 11  http://www.dice.com/job/result/cybercod/ES1-131243257?src=19
## 12  http://www.dice.com/job/result/cybercod/PMM-132096419?src=19
## 13 http://www.dice.com/job/result/cybercod/ES1-1255823118?src=19
## 14       http://www.dice.com/job/result/RTX15ef20/4732491?src=19
## 15 http://www.dice.com/job/result/cybercod/ES1-1300961109?src=19
## 16  http://www.dice.com/job/result/cybercod/ES1-131545043?src=19
## 17       http://www.dice.com/job/result/10100347/16000DYW?src=19
##                                                            jobTitle
## 1                 Advanced Communication Technology Researcher - C/C++, Matlab
## 2                             Hardware Engineer (System Level HW Design)
## 3                                       Database Optimizer Engineer
## 4                    Java Developer or Senior Java Developer (Multiple Oppor
## 5                                              PL/SQL Developer
```

229

```
## 6                                                Network Engineer Architect/Team Lead
## 7                                                Technical Support Analyst - II
## 8  Sr. Data Scientist - Machine Learning, Python, R, Predictive Analytics / Big Data
## 9                                                                        Scrum Master
## 10                                                              System Level Architect
## 11                                       Lead Hardware / System Engineer (Design, PCB)
## 12                                                        Design Engineer - Mechanical
## 13                                                        Hardware Engineer (Analog, RF)
## 14                                                      Senior Applications Developer
## 15                                     Senior Hardware / System Engineer (Design, PCB)
## 16                                     Senior Hardware Systems Engineer (Design, PCB)
## 17                     Senior Database Administrator (Performance Tuning) - (16000DYW)
##                       company        location       date
## 1                  CyberCoders   San Diego, CA 2016-10-23
## 2                  CyberCoders   Sunnyvale, CA 2016-10-23
## 3   U.S. Tech Solutions Inc. Santa Clara, CA 2016-10-20
## 4       Federal Reserve Bank   Cleveland, OH 2016-10-23
## 5              Zinncorp, Inc. Minneapolis, MN 2016-10-20
## 6               Zycron, Inc. Chattanooga, TN 2016-10-03
## 7             Maven Companies       Plano, TX 2016-10-21
## 8           Precision Systems    New York, NY 2016-10-23
## 9              Prokarma, Inc.  Somerville, NJ 2016-10-21
## 10            Encore Semi Inc      Hudson, MA 2016-10-23
## 11                CyberCoders   Sunnyvale, CA 2016-10-23
## 12                CyberCoders Saint Louis, MO 2016-10-23
## 13                CyberCoders   Sunnyvale, CA 2016-10-23
## 14                 Pharmavite  Northridge, CA 2016-10-11
## 15                CyberCoders   Sunnyvale, CA 2016-10-23
## 16                CyberCoders   Sunnyvale, CA 2016-10-23
## 17            Sherwin-Williams   Cleveland, OH 2016-10-18

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file


## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 318
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Machine+Learning&city=&text=&
##
## $resultItemList
##                                                    detailUrl
## 1        http://www.dice.com/job/result/cybercod/AW2-1262657129?src=19
## 2         http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 3                 http://www.dice.com/job/result/10123851/4839?src=19
## 4         http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
```

```
## 5              http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
## 6                  http://www.dice.com/job/result/10117979/161777?src=19
## 7              http://www.dice.com/job/result/cybercod/NR3-13246585?src=19
## 8                  http://www.dice.com/job/result/entca005/742964?src=19
## 9   http://www.dice.com/job/result/cybercod/AS3-NLPDataScientist5?src=19
## 10                    http://www.dice.com/job/result/usts/447713?src=19
## 11             http://www.dice.com/job/result/cybercod/NG-13250414?src=19
## 12                  http://www.dice.com/job/result/compun/743064?src=19
## 13            http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 14            http://www.dice.com/job/result/cybercod/LS3-131423447?src=19
## 15             http://www.dice.com/job/result/cybercod/SM7-13242456?src=19
## 16             http://www.dice.com/job/result/cybercod/JD8-13253463?src=19
## 17             http://www.dice.com/job/result/cybercod/AW2-13244365?src=19
## 18                 http://www.dice.com/job/result/10217156/584828?src=19
## 19  http://www.dice.com/job/result/cybercod/SCE-ImageProcessing4?src=19
## 20             http://www.dice.com/job/result/cybercod/BS3-132299711?src=19
## 21                 http://www.dice.com/job/result/10444937/728036?src=19
## 22            http://www.dice.com/job/result/10110872/7819_Java_CHI?src=19
## 23                 http://www.dice.com/job/result/90752961/575645?src=19
## 24                    http://www.dice.com/job/result/usts/112938?src=19
## 25             http://www.dice.com/job/result/10497505/7381610122?src=19
## 26            http://www.dice.com/job/result/cybercod/BC2-1278839115?src=19
## 27               http://www.dice.com/job/result/RTX173fad/4729484?src=19
## 28            http://www.dice.com/job/result/cybercod/NG-131927726?src=19
## 29                 http://www.dice.com/job/result/10118015/736948?src=19
## 30                  http://www.dice.com/job/result/NEXIL001/744390?src=19
## 31                  http://www.dice.com/job/result/10331486/AK_HNJ?src=19
## 32             http://www.dice.com/job/result/cybercod/KG1-13241906?src=19
## 33               http://www.dice.com/job/result/RTX1ba580/4727041?src=19
## 34            http://www.dice.com/job/result/cybercod/BS3-1301209106?src=19
## 35             http://www.dice.com/job/result/cybercod/SM7-131271154?src=19
## 36                 http://www.dice.com/job/result/10518778/20161179?src=19
## 37                 http://www.dice.com/job/result/10112142/730775?src=19
## 38                  http://www.dice.com/job/result/gatpa001/132846?src=19
## 39                 http://www.dice.com/job/result/90767798/734247?src=19
## 40            http://www.dice.com/job/result/10110872/7320_LMSBB_MSN?src=19
## 41                  http://www.dice.com/job/result/10110565/NLPLead?src=19
## 42             http://www.dice.com/job/result/cybercod/JG2-13245665?src=19
## 43             http://www.dice.com/job/result/cybercod/AW1-131141760?src=19
## 44                 http://www.dice.com/job/result/10494547/668254?src=19
## 45                   http://www.dice.com/job/result/btpart/743730?src=19
## 46                 http://www.dice.com/job/result/10367383/705336?src=19
## 47             http://www.dice.com/job/result/10115369/106689-219?src=19
## 48            http://www.dice.com/job/result/cybercod/NNG-131835631?src=19
## 49             http://www.dice.com/job/result/cybercod/KK1-132147118?src=19
## 50             http://www.dice.com/job/result/cybercod/BB7-13245445?src=19
##                                                              jobTitle
## 1          Senior Data Scientist - Machine Learning, Python, C/C++
## 2                    Research Engineer - Python, Machine Learning,
## 3                                Mechanical Design Engineer (4839r)
## 4          Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 5                             Data Scientist - JOIN A GROWING TEAM!
## 6                                                    DevOps Engineer
## 7                                          Backend Engineer - Python
```

```
## 8                       Data Scientist - Hadoop,hive,Scala,Machine Learning
## 9                            Data Scientist- NLP (Must have)/ Python
## 10                                                    Algorithm Engineer
## 11                       Electrical Project Engineer - Industrial Machinery
## 12 Need : Deep Learning Specialist, Santa Clara or Sunnyvale CA (ONLY LO
## 13                            Data Scientist - Junior-Senior Levels!
## 14        Sr. Data Infrastructure Engineer- VC Backed, Healthcare Startup!
## 15               Senior Data Scientist - Big Data/Software Hybrid!!
## 16                       Search Engineer - Ruby, Elastic Search
## 17                       Senior Data Engineer- Java, Python, Scala
## 18                                                    Azure Cloud Engineer
## 19           Senior Software Engineer - Image Processing - 100% REMOTE
## 20        Data Scientist - Data Modeling/Analytics, Machine Learning
## 21                                                       Big Data Analyst
## 22                            Full-Stack Architect/Developer
## 23                            Saba Business Analyst
## 24                            Database Optimizer Engineer
## 25               Senior Developer (Java or Scala or C++ or C#)
## 26               Data Scientist - Enterprise Intelligence
## 27                            Technical Support Specialist
## 28                       Sr Machine Learning Scientist
## 29               Wi-Fi Lead Software Engineer at Novi MI
## 30               ZenDesk LMS Help Desk Representative - R
## 31                                                    Data Scientist
## 32        Software Engineer - Smart Home Connectivity Startup
## 33                                          Senior Systems Architect
## 34        Lead Computer Vision Engineer -- Machine Learning, Data Science
## 35               Big Data Scientist - Insurance/Banking Industry!!
## 36                                          Computational Linguist
## 37                                          Sr.Business Analyst
## 38                                          Learning Coordinator
## 39                                          Instructional Designer
## 40               LMS Developer - Blackboard - direct-hire!
## 41 Lead Sotware Engineers, Software Architects - 70/30 coding leadership
## 42                            Lead Data Scientist (SAS, SAP)
## 43               Mechanical Engineer - Design and Development
## 44        Data Scientist (Applied Researcher) - Inperson Interview
## 45                                                    .Net Developer
## 46                                                    Staff Engineer
## 47               Instructional Designer and Developer
## 48        Senior Data Scientist- Socially Conscious Company - Downtown LA
## 49               Data Scientist - Fraud detection technology!
## 50               REMOTE - Software Engineer - Image Processing
##                          company            location         date
## 1              CyberCoders       Palo Alto, CA 2016-10-23
## 2              CyberCoders       San Mateo, CA 2016-10-23
## 3    Embedded Resource Group, Inc San Francisco, CA 2016-10-20
## 4              CyberCoders San Francisco, CA 2016-10-23
## 5              CyberCoders       Cambridge, MA 2016-10-23
## 6           Experian Limited      Franklin, TN 2016-10-23
## 7              CyberCoders       Ann Arbor, MI 2016-10-23
## 8       Enterprise Solutions      Sunnyvale, CA 2016-10-19
## 9              CyberCoders        Berkeley, CA 2016-10-23
## 10     U.S. Tech Solutions Inc.   Bridgewater, NJ 2016-10-19
```

```
## 11                     CyberCoders      Lone Tree, CO 2016-10-23
## 12 Compunnel Software Group Inc.   Santa Clara, CA 2016-10-19
## 13                     CyberCoders    Los Angeles, CA 2016-10-23
## 14                     CyberCoders San Francisco, CA 2016-10-23
## 15                     CyberCoders      New York, NY 2016-10-23
## 16                     CyberCoders      Palo Alto, CA 2016-10-23
## 17                     CyberCoders      Palo Alto, CA 2016-10-23
## 18                         MagTek     Seal Beach, CA 2016-10-21
## 19                     CyberCoders         Boston, MA 2016-10-23
## 20                     CyberCoders San Francisco, CA 2016-10-23
## 21                         Xconic       San Jose, CA 2016-10-07
## 22                       TeamSoft        Chicago, IL 2016-10-21
## 23                          Sedaa      Palo Alto, CA 2016-10-17
## 24         U.S. Tech Solutions Inc.   Santa Clara, CA 2016-10-20
## 25                    Alans Group       New York, NY 2016-10-21
## 26                     CyberCoders  Sherman Oaks, CA 2016-10-23
## 27                    S&A Systems       Rockwall, TX 2016-10-07
## 28                     CyberCoders    San Carlos, CA 2016-10-23
## 29                 First Tek, Inc.           Novi, MI 2016-10-14
## 30              Next Step Systems        Chicago, IL 2016-10-21
## 31   Proactive Technical Services      Palo Alto, CA 2016-10-20
## 32                     CyberCoders  Redwood City, CA 2016-10-23
## 33                           MedU        Hanover, NH 2016-10-20
## 34                     CyberCoders   Santa Clara, CA 2016-10-23
## 35                     CyberCoders         Austin, TX 2016-10-23
## 36              NTREPID CORPORATION       Herndon, VA 2016-09-23
## 37                   Ensoftek Inc         Salem, OR 2016-10-10
## 38                        Mastech        Oakland, CA 2016-10-23
## 39       Patriot Talent Solutions      Knoxville, TN 2016-10-13
## 40                       TeamSoft        Madison, WI 2016-10-21
## 41                   Bivium Group      Cambridge, MA 2016-10-22
## 42                     CyberCoders        Houston, TX 2016-10-23
## 43                     CyberCoders         Horton, MI 2016-10-23
## 44               BayOne Solutions       San Jose, CA 2016-09-23
## 45           Brandywine Technology    Wilmington, DE 2016-10-19
## 46                  Prolific Minds       San Jose, CA 2016-10-21
## 47                Vaco - Nashville         Dublin, OH 2016-10-23
## 48                     CyberCoders    Los Angeles, CA 2016-10-23
## 49                     CyberCoders       Bellevue, WA 2016-10-23
## 50                     CyberCoders        Waltham, MA 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 5875
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
```

233

```
## 
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Business+Analytics&city=&tex
## 
## $resultItemList
##                                                                     detailUrl
## 1                 http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2                        http://www.dice.com/job/result/10110305/738693?src=19
## 3                  http://www.dice.com/job/result/appblok/1609_679864_0?src=19
## 4                  http://www.dice.com/job/result/rhalfint/04600-123753?src=19
## 5                http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6                        http://www.dice.com/job/result/10110732/743967?src=19
## 7                       http://www.dice.com/job/result/RTX197508/635374?src=19
## 8               http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 9                          http://www.dice.com/job/result/cxconmn/75544?src=19
## 10                     http://www.dice.com/job/result/atrilogy/7155105A?src=19
## 11                       http://www.dice.com/job/result/10175336/747098?src=19
## 12                       http://www.dice.com/job/result/10516063/632028?src=19
## 13                     http://www.dice.com/job/result/RTX17fa40/4637374?src=19
## 14                 http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 15                      http://www.dice.com/job/result/10360765/NLBCR1?src=19
## 16               http://www.dice.com/job/result/cybercod/AP3-131956726?src=19
## 17                        http://www.dice.com/job/result/matrixga/113029?src=19
## 18                       http://www.dice.com/job/result/10273066/168513?src=19
## 19                  http://www.dice.com/job/result/10105424/5793845-821?src=19
## 20                http://www.dice.com/job/result/kforcecx/ITEQG1572362?src=19
## 21                       http://www.dice.com/job/result/10175336/743983?src=19
## 22                http://www.dice.com/job/result/kforcecx/ITEQG1572933?src=19
## 23                       http://www.dice.com/job/result/10280377/742206?src=19
## 24                     http://www.dice.com/job/result/RTX141f45/DEN2441?src=19
## 25                     http://www.dice.com/job/result/10111370/MSSXDBINY?src=19
## 26             http://www.dice.com/job/result/10235096/180797367405567?src=19
## 27                       http://www.dice.com/job/result/10422157/735765?src=19
## 28                       http://www.dice.com/job/result/cxjudgpa/507870?src=19
## 29                        http://www.dice.com/job/result/10125226/5531?src=19
## 30                        http://www.dice.com/job/result/uhgbot/673053?src=19
## 31                     http://www.dice.com/job/result/10124418/eBusLead?src=19
## 32                     http://www.dice.com/job/result/10115700c/513314?src=19
## 33                     http://www.dice.com/job/result/cxcnetut/16-03412?src=19
## 34                        http://www.dice.com/job/result/10112865/SNBA?src=19
## 35                       http://www.dice.com/job/result/matrixga/116738?src=19
## 36                        http://www.dice.com/job/result/10111030/78202?src=19
## 37         http://www.dice.com/job/result/10103170/US_EN_6_21701_53669889?src=19
## 38                       http://www.dice.com/job/result/10210856/745671?src=19
## 39                        http://www.dice.com/job/result/10116861/12901?src=19
## 40                http://www.dice.com/job/result/rippblok/1954_1492_47750?src=19
## 41                http://www.dice.com/job/result/rhalfint/00700-9500203712?src=19
## 42                             http://www.dice.com/job/result/JSL/4209D?src=19
## 43                       http://www.dice.com/job/result/10397987/745041?src=19
## 44                       http://www.dice.com/job/result/10115393/714100?src=19
## 45                        http://www.dice.com/job/result/90960822/21443?src=19
## 46             http://www.dice.com/job/result/90940991/BBA000014266750?src=19
## 47 http://www.dice.com/job/result/chicos/9535 Location Fort Myers, Florida?src=19
## 48                     http://www.dice.com/job/result/mitchmar/KF92721?src=19
```

234

```
## 49                       http://www.dice.com/job/result/uhgbot/684322?src=19
## 50            http://www.dice.com/job/result/10106525/24138012000005912?src=19
##                                                                        jobTitle
## 1                                                     Business/Systems Analyst
## 2                                          Technical Business Analyst with BI Exp
## 3                                             Cloud Architect - Eden Prairie, MN
## 4                                                              Business Analyst
## 5                             Data Modeler III - Business Intelligence Architect
## 6                                                     Sr Sitecore Web Developer
## 7                                                     Business Systems Analyst
## 8                                    Technical Project Manager (REMOTE) APPLICATIONS
## 9                                                          Sr. Project Manager
## 10                                              HRIS Business Systems Analyst
## 11                                       Business Analyst--Healthcare--Long Beach CA
## 12                                           SQL BI/ETL Developer - Canton, OH
## 13                                                          Support Engineer 3
## 14                          Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 15                                                    Crystal Reports Developer
## 16                                        Frontend Developer w/ SEO experience
## 17                                                  BUSINESS SYSTEMS CONSULTANT
## 18                                                          IT Project Manager
## 19                                                         Sr. Business Analyst
## 20                                          Campaign Database Business Analyst
## 21                            Business Intelligence and Analytics Manager--Washington, DC
## 22                                                        SharePoint Developer
## 23                                              Senior Business Analyst (9098)
## 24                                       Front End Developer- WordPress - Full-time
## 25                             Developer Business Intelligence(**DIRECT CLIENT**)
## 26                                            Software Developer--AngularJS/.NET
## 27                                                    Regional Account Executive
## 28                                             Sr. Analytics / Software Eningeer
## 29                                                            Business Analyst I
## 30                                              Technical Architect - Java/J2EE
## 31                                                       e-Business Process Lead
## 32                                                    Senior Network Engineer
## 33                                                     MicroStrategy Developer
## 34                                                ServiceNow Business Analyst
## 35                                              BUSINESS SYSTEMS CONSULTANT 4
## 36                                                                 C Developer
## 37                                                    Senior Business Analyst
## 38                                              Business Analyst - DAM systems
## 39                                        Sr Disaster Recovery/ Back-up Engineer
## 40                            Mortgage Product Development Manager-Financial Services III
## 41                                                  Senior Software Architect
## 42                                                    Business Systems Analyst
## 43                                                    Data Modeler - SAP HANA
## 44                                              Business Objects Developer (Canada)
## 45 urgent Hire - Sr. Business Analyst with pharma and compliance regulatory exp. - North Wales, PA
## 46                                                    Programmer I/II Technology
## 47                                              Senior Analyst, Logistics Apps
## 48                              Jr. Business Objects Developer/Analyst--Perm Only - NYC
## 49                                            Linux Administrator - MN or Telecommute
## 50           Performance Management Manager - Oracle Planning and Budgeting Cloud Service (PBCS)
##                                  company           location        date
```

```
## 1                            Volt         Jersey City, NJ 2016-10-23
## 2                     Aptude, Inc.          Green Bay, WI 2016-10-19
## 3                UnitedHealth Group          Santa Ana, CA 2016-10-23
## 4             Robert Half Technology         Milwaukee, WI 2016-10-23
## 5                       Fannie Mae        Washington, DC 2016-10-23
## 6                 UROOJ Corporation           Milford, CT 2016-10-21
## 7                      BillingTree            Phoenix, AZ 2016-10-19
## 8                        Advantage            Chicago, IL 2016-10-23
## 9                        Consultis Fort Lauderdale, FL 2016-10-23
## 10      Atrilogy Solutions Group, Inc.         Irvine, CA 2016-10-21
## 11           Sedna Consulting Group      Long Beach, CA 2016-10-23
## 12  TapRoot Recruiting Solutions, Inc.         Canton, OH 2016-10-23
## 13                       UnifyCloud          Redmond, WA 2016-10-22
## 14                      CyberCoders   San Francisco, CA 2016-10-23
## 15  Next Level Business Services, Inc.      Nashville, TN 2016-10-21
## 16                      CyberCoders            Chicago, IL 2016-10-23
## 17                 Matrix Resources         Charlotte, NC 2016-10-23
## 18              Teradata Corporation            Dayton, OH 2016-10-23
## 19                 TEKsystems, Inc.         Nashville, TN 2016-10-23
## 20                     Kforce Inc.            Detroit, MI 2016-10-22
## 21           Sedna Consulting Group      Washington, DC 2016-10-23
## 22                     Kforce Inc.          Oak Brook, IL 2016-10-22
## 23                  Radiansys, Inc.         San Ramon, CA 2016-10-21
## 24              Creative Circle, LLC           Denver, CO 2016-10-11
## 25             XCEL Solutions Corp.         NEW YORK, NY 2016-10-23
## 26                      TMW Systems            Dallas, TX 2016-10-23
## 27                       PeerSource            Chicago, IL 2016-10-20
## 28                  The Judge Group      Burlington, MA 2016-10-23
## 29                        JDC Group                     2016-10-23
## 30               UnitedHealth Group             Hyderabad 2016-10-23
## 31  Systems Technology Group Inc. (STG)       Dearborn, MI 2016-10-21
## 32            Randstad Technologies    San Antonio, TX 2016-10-23
## 33                  ConsultNet, LLC            Irving, TX 2016-10-23
## 34      Genoa International Solutions      Ann Arbor, MI 2016-10-21
## 35                 Matrix Resources        Des Moines, IA 2016-10-23
## 36                     TransUnion            Chicago, IL 2016-10-23
## 37                          Modis          New York, NY 2016-10-23
## 38                         Pozent    New York City, NY 2016-10-20
## 39           Pratt Brown & Associates            Tampa, FL 2016-09-28
## 40                       Fannie Mae        Washington, DC 2016-10-23
## 41           Robert Half Technology         Hartford, CT 2016-10-23
## 42        JSL Computer Services, Inc.           Lanham, MD 2016-10-20
## 43                 NewWay Recruiting    West Chester, PA 2016-10-20
## 44                          Virtusa            Toronto, ON 2016-10-20
## 45                   Job Cloud Inc.      North Wales, PA 2016-10-21
## 46      Bebee Affinity Social Network          Billings, MT 2016-10-23
## 47                          Chico's        Fort Myers, FL 2016-10-23
## 48            Mitchell Martin, Inc.    New York City, NY 2016-10-20
## 49               UnitedHealth Group        Minnetonka, MN 2016-10-23
## 50                         Deloitte            Detroit, MI 2016-10-23

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##                                                                jobTitle
## 1                                        Clinical Annotator- data mining
## 2         Test Data Engineer - Relaxed environment and awesome culture!
## 3                                                          Data Scientist
## 4                                                        Business Analyst
## 5     Hadoop Data Analyst (Spark R Machine Learning PERL MatLab SQL)
## 6                                                 COGNOS Reports Developer
## 7                                                        Workflow Analyst
## 8                                             IT Data Analyst- Las Vegas, NV
## 9    SAS Reporting Analyst | Lewisville, TX | up to $85K Direct Hire
## 10                                        Sr. Java Developer - Interfaces
## 11                                                 Senior Data Scientist
## 12                                                    E-discovery Analyst
## 13                                                Microservices Developer
## 14                                                  AMZL Project Engineer
## 15    Sr. Software Development Engineer - Emerging AWS Technologies
## 16                                                  Sr. Software Engineer
## 17            Software Development Manager - Amazon Video Direct
## 18                          Healthcare Data Analyst - Rosemont, IL
## 19                                              Cyber Systems Engineer 4
## 20                                              Data Scientist - Boston
## 21              Senior Machine Learning Engineer (Consultant)
## 22                        Hadoop Developer / Analyst - Eden Prairie, MN
## 23                       Principal Cyber Systems Engineer w/ Polygraph
## 24       Advanced Analytics Enablement Cognitive Senior Consultant
## 25                        Entry Level Data Analyst/ Fresh Graduate
## 26                                            IT DT ANALYTICS ANLYST
## 27       Developer - Java, Python, Cloud, AWS/GAE, Social Graph Data
## 28                                        Software Engineer III-13910
## 29                                        Database Optimizer Engineer
## 30                                                      Big Data Manager
## 31       Software Engineer - Emerging AWS Machine Learning Platforms
## 32                            Oracle Developer 4 - TS/SCI Required
## 33                            Lead Data Scientist - Boston, MA
## 34                                          Director of Data Analytics
## 35                                                          Data Analyst
## 36                        Data Scientist - Enterprise Intelligence
## 37                                                  Design Technologist
## 38                                                    Big Data Architect
## 39                                        Software Development Engineer
## 40                                              Operations Program Manager
```

```
## 41                    Senior Business Intelligence Developer/Web Developer
## 42            Sr. Software Dev Engineer III - Supply Chain Optimization
## 43                                        Senior Software Engineer
## 44                            Ruby on Rails and Angular.JS Developer
## 45 Lead Computer Vision Engineer -- Machine Learning, Data Science
## 46                                              Workflow Analyst
## 47                          Senior SAS Financial Programmer/Analyst
## 48                                          Sr. Software Engineer
## 49                                     Big Data Senior Consultant
## 50                                            Business Analyst II
##                            company                 location       date
## 1        Javen Technologies, Inc      Taylorsville, UT 2016-10-19
## 2                     CyberCoders             Boise, ID 2016-10-23
## 3                Mitchell Martin    Long Island City, NY 2016-10-23
## 4        Princeton Information Ltd            Tampa, FL 2016-10-23
## 5                            Volt        Davenport, CA 2016-10-23
## 6    Software Guidance & Assistance        Irving, TX 2016-10-23
## 7                          Amazon        Cambridge, MA 2016-10-19
## 8              UnitedHealth Group        Las Vegas, NV 2016-10-23
## 9                   Vaco - Dallas      Lewisville, TX 2016-10-23
## 10        Request Technology, LLC          Mclean, VA 2016-10-20
## 11                Cox Enterprises South San Francisco, CA 2016-10-22
## 12         Robert Half Technology          Dallas, TX 2016-10-23
## 13        Princeton Information Ltd        Irving, TX 2016-10-23
## 14                         Amazon         Richmond, VA 2016-10-19
## 15                         Amazon        Palo Alto, CA 2016-10-19
## 16              Cisco Systems Inc.        San Jose, CA 2016-10-23
## 17                         Amazon         Seattle, WA 2016-10-23
## 18             UnitedHealth Group        Rosemont, IL 2016-10-23
## 19               NORTHROP GRUMMAN  Annapolis Junction, MD 2016-10-22
## 20                         Amazon        Cambridge, MA 2016-10-19
## 21                Bloomberg L.P.         New York, NY 2016-10-23
## 22             UnitedHealth Group     Eden Prairie, MN 2016-10-23
## 23               NORTHROP GRUMMAN  Annapolis Junction, MD 2016-10-22
## 24                       Deloitte         New York, NY 2016-10-23
## 25                      ConsultAdd          Dallas, TX 2016-10-20
## 26             UnitedHealth Group               Noida 2016-10-23
## 27                           SMCI    Mountain View, CA 2016-10-21
## 28               NORTHROP GRUMMAN     Schriever Afb, CO 2016-10-22
## 29        U.S. Tech Solutions Inc.      Santa Clara, CA 2016-10-20
## 30                       Deloitte      Los Angeles, CA 2016-10-23
## 31                         Amazon        Palo Alto, CA 2016-10-19
## 32               NORTHROP GRUMMAN       Washington, DC 2016-10-22
## 33             UnitedHealth Group          Boston, MA 2016-10-23
## 34               Direct Technology      Sacramento, CA 2016-10-12
## 35              Ascendum Solutions      Cincinnati, OH 2016-10-19
## 36                     CyberCoders     Sherman Oaks, CA 2016-10-23
## 37                         Amazon          Austin, TX 2016-10-19
## 38              Quicken Loans Inc.         Detroit, MI 2016-10-23
## 39                         Amazon         Seattle, WA 2016-10-23
## 40                         Amazon       Sunnyvale, CA 2016-10-19
## 41            Frontline Source Group          Dallas, TX 2016-10-14
## 42                         Amazon          Austin, TX 2016-10-19
## 43             UnitedHealth Group           Hyderabad 2016-10-23
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239

```
## 44                Agile Premier          Fort Worth, TX 2016-10-23
## 45                  CyberCoders          Santa Clara, CA 2016-10-23
## 46                       Amazon           Cambridge, MA 2016-10-19
## 47        Accentuate IT Solutions        WASHINGTON, DC 2016-10-20
## 48        Electronics For Imaging          Ypsilanti, MI 2016-10-23
## 49                     Deloitte          Costa Mesa, CA 2016-10-23
## 50                       Amazon             Phoenix, AZ 2016-10-23
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## 4                 http://www.dice.com/job/result/strny/378455?src=19
## 5              http://www.dice.com/job/result/ngitbot/16012143?src=19
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## 1                                              IT Technical Recruiter
## 2                                    Technical Business Analyst with BI Exp
## 3                                                    Wireless Engineer
## 4                                          Network Administrator - Linux
## 5                                    Assured Boot Team - Software Engineer 4
## 6                          Senior Data Scientist - Machine Learning, Python, C/C++
## 7                            Data Modeler III - Business Intelligence Architect
## 8                                                       VMware Architect
## 9                                            Service Desk Support Analyst
## 10                                 NAC/CIS Continuous Monitoring (with ForeScout)
## 11                                        Professional: System Administrator
## 12                                                     Firewall Engineer
## 13                                          Sr. Systems/Network Engineer
## 14                                          SQL BI/ETL Developer - Canton, OH
## 15                                              Desktop Support Analyst
## 16                        A2385A - Sr. Network Engineer Consultant - Long term contract
## 17               Network Engineer~Competitive Compensation & Family-Oriented Team
## 18                                                   IT Operations manager
## 19                                          Program Manager - IT Security
## 20                                                     Network Engineer
## 21 Network Admin with AWS(Apache Hadoop OOZIE,Chef,AWS),Rate-Open Negotiable, 1 yr, Hillsboro,OR
## 22                          Business Intelligence and Analytics Manager--Washington, DC
## 23                                            Network Security Engineer
## 24                                                  SharePoint Developer
## 25                                              Staff SQA Engineer (PanOS)
## 26                          Developer Business Intelligence(**DIRECT CLIENT**)
## 27                                          Software Developer--AngularJS/.NET
## 28                                          System Integration Technician II - DBA
## 29                                            Regional Account Executive
## 30                                            Sr. Analytics / Software Eningeer
```

```
## 31                                                          Cyber Info Assurance Analyst 2
## 32                       Digital Design Verification Lead - Ethernet -Start-up and More!
## 33                                                            Network Security Engineer
## 34                                                              Senior Network Engineer
## 35                                                             MicroStrategy Developer
## 36                                                                        Recruiter II
## 37                                                                    Storage Engineer
## 38                                                     Network Operations Center Analyst
## 39                                                                     Systems Engineer
## 40                                                                     Network Engineer
## 41                     Senior Network Engineer - Layer 2 / 3 Switching, Global Networks
## 42                                                            Network Security Engineer
## 43                                                                  SW Engineer (I&T) 2/3
## 44                                                                Sr. Network Engineer
## 45                                                            Senior Software Architect
## 46                                                            Cyber Systems Engineer 3 or 4
## 47                                                     Field Service Technician - Orlando, FL
## 48                         Robert Half Technology Permanent Placement Recruiting Manager
## 49                                                                    Software Engineer
## 50                                              Enterprise Engineer  Citrix/Virtualization
##                                    company                 location
## 1               Pangaia Partners LLC             Tampa, FL
## 2                      Aptude, Inc.        Green Bay, WI
## 3                   Wizard Staff, Inc          Irvine, CA
## 4                    Superior Group      Scottsdale, AZ
## 5                  NORTHROP GRUMMAN Annapolis Junction, MD
## 6                       CyberCoders        Palo Alto, CA
## 7                        Fannie Mae      Washington, DC
## 8                          Deloitte          Dallas, TX
## 9                First Republic Bank   San Francisco, CA
## 10             WWT Advanced Solutions          Raleigh, NC
## 11                              CSC          Austin, TX
## 12                 Atlantic Partners       Bethlehem, PA
## 13                Tri-Starr Personnel     San Antonio, TX
## 14      TapRoot Recruiting Solutions, Inc.         Canton, OH
## 15            Robert Half Technology         Memphis, TN
## 16                Technovision, Inc.        Richmond, VA
## 17                       CyberCoders        Richmond, VA
## 18                          Uniqsoft   Woodcliff Lake, NJ
## 19                        Wipro Ltd.           Miami, FL
## 20                            Linium          Albany, NY
## 21                          Centizen        Hillsboro, OR
## 22             Sedna Consulting Group      Washington, DC
## 23            Robert Half Technology     Los Angeles, CA
## 24                      Kforce Inc.        Oak Brook, IL
## 25               Palo Alto Networks      Santa Clara, CA
## 26              XCEL Solutions Corp.        NEW YORK, NY
## 27                       TMW Systems          Dallas, TX
## 28                      Kforce Inc.       Louisville, KY
## 29                        PeerSource         Chicago, IL
## 30                   The Judge Group      Burlington, MA
## 31                  NORTHROP GRUMMAN         Palmdale, CA
## 32                       CyberCoders       Pittsburgh, PA
## 33                        Serverlogic      Scottsdale, AZ
```

```
## 34                Randstad Technologies         San Antonio, TX
## 35                    ConsultNet, LLC                Irving, TX
## 36                    The Judge Group             London, OH
## 37                    NORTHROP GRUMMAN            Fairfax, VA
## 38 ManTech Advanced Systems International    Scott Afb, IL
## 39                Robert Half Technology          Pasadena, CA
## 40                Robert Half Technology        Miamisburg, OH
## 41                    TechServe, Inc.    Farmington Hills, MI
## 42                    kCura Corporation             Chicago, IL
## 43                    NORTHROP GRUMMAN             Aurora, CO
## 44                Robert Half Technology          Lakeland, FL
## 45                Robert Half Technology          Hartford, CT
## 46                    NORTHROP GRUMMAN Annapolis Junction, MD
## 47                        CVS Health              Florida, FL
## 48                        Robert Half              Irvine, CA
## 49                    ConsultNet, LLC            Arlington, TX
## 50                Brandon Consulting     New York City, NY
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## 17 2016-10-23
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## 23 2016-10-23
## 24 2016-10-22
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## 26 2016-10-23
## 27 2016-10-23
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## 36 2016-10-23
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## 37 2016-10-22
## 38 2016-10-23
## 39 2016-10-23
## 40 2016-10-23
## 41 2016-09-26
## 42 2016-10-23
## 43 2016-10-22
## 44 2016-10-23
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## 49 2016-10-23
## 50 2016-10-15

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## 2            http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
## 3          http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
## 4               http://www.dice.com/job/result/cxprince/16-10910?src=19
## 5    http://www.dice.com/job/result/cxvolt/J3J3TB64GYK29DV4FDR?src=19
## 6              http://www.dice.com/job/result/sgainc/16-02893?src=19
## 7              http://www.dice.com/job/result/amazon20/450948?src=19
## 8                http://www.dice.com/job/result/uhgbot/666634?src=19
## 9          http://www.dice.com/job/result/10115369/24469DAL-289?src=19
## 10   http://www.dice.com/job/result/napil006/SZF-DataInterfa?src=19
## 11             http://www.dice.com/job/result/coxga/1615183?src=19
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## 13           http://www.dice.com/job/result/cxprince/16-10559?src=19
## 14             http://www.dice.com/job/result/amazon20/449009?src=19
## 15             http://www.dice.com/job/result/amazon20/417449?src=19
## 16     http://www.dice.com/job/result/ciscobot/R1016625-en_US?src=19
## 17             http://www.dice.com/job/result/amazon2/314091?src=19
## 18               http://www.dice.com/job/result/uhgbot/669714?src=19
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## 20             http://www.dice.com/job/result/amazon20/418985?src=19
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## 21          http://www.dice.com/job/result/10432313/54946?src=19
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## 24 http://www.dice.com/job/result/10106525/24071662000006082?src=19
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## 26          http://www.dice.com/job/result/10124418/554111?src=19
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## 28           http://www.dice.com/job/result/uhgbot/681035?src=19
## 29          http://www.dice.com/job/result/ngitbot/16022506?src=19
## 30 http://www.dice.com/job/result/10106525/24091522000005552?src=19
## 31           http://www.dice.com/job/result/amazon20/437234?src=19
## 32          http://www.dice.com/job/result/ngitbot/16015178?src=19
## 33           http://www.dice.com/job/result/uhgbot/676351?src=19
## 34          http://www.dice.com/job/result/10111836/733529?src=19
## 35           http://www.dice.com/job/result/pdrinc/TCPRO1017?src=19
## 36   http://www.dice.com/job/result/cybercod/BC2-1278839115?src=19
## 37           http://www.dice.com/job/result/amazon20/441166?src=19
## 38           http://www.dice.com/job/result/10109060/18301?src=19
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## 50           http://www.dice.com/job/result/amazsell/451401?src=19
##                                                        jobTitle
## 1                              Clinical Annotator- data mining
## 2    Test Data Engineer - Relaxed environment and awesome culture!
## 3                                               Data Scientist
## 4                                             Business Analyst
## 5    Hadoop Data Analyst (Spark R Machine Learning PERL MatLab SQL)
## 6                                     COGNOS Reports Developer
## 7                                             Workflow Analyst
## 8                                   IT Data Analyst- Las Vegas, NV
## 9    SAS Reporting Analyst | Lewisville, TX | up to $85K Direct Hire
## 10                                Sr. Java Developer - Interfaces
## 11                                        Senior Data Scientist
## 12                                          E-discovery Analyst
## 13                                       Microservices Developer
## 14                                        AMZL Project Engineer
## 15   Sr. Software Development Engineer - Emerging AWS Technologies
## 16                                          Sr. Software Engineer
## 17          Software Development Manager - Amazon Video Direct
## 18                       Healthcare Data Analyst - Rosemont, IL
## 19                                     Cyber Systems Engineer 4
## 20                                       Data Scientist - Boston
## 21              Senior Machine Learning Engineer (Consultant)
## 22               Hadoop Developer / Analyst - Eden Prairie, MN
## 23               Principal Cyber Systems Engineer w/ Polygraph
```

```
## 24        Advanced Analytics Enablement Cognitive Senior Consultant
## 25                          Entry Level Data Analyst/ Fresh Graduate
## 26                                       Android Mobile Developer
## 27                                        SAP OpenText Architect
## 28                                        IT DT ANALYTICS ANLYST
## 29                                     Software Engineer III-13910
## 30                                          Big Data Manager
## 31        Software Engineer - Emerging AWS Machine Learning Platforms
## 32                          Oracle Developer 4 - TS/SCI Required
## 33                              Lead Data Scientist - Boston, MA
## 34                                    Director of Data Analytics
## 35                                              Data Analyst
## 36                        Data Scientist - Enterprise Intelligence
## 37                                        Design Technologist
## 38                                        Big Data Architect
## 39                              Software Development Engineer
## 40                                  Operations Program Manager
## 41        Senior Business Intelligence Developer/Web Developer
## 42        Sr. Software Dev Engineer III - Supply Chain Optimization
## 43                    Open Text StreamServe, Farmington Hills, MI
## 44                                  Senior Software Engineer
## 45                    Ruby on Rails and Angular.JS Developer
## 46 Lead Computer Vision Engineer -- Machine Learning, Data Science
## 47                                          Workflow Analyst
## 48                                    Sr. Software Engineer
## 49                              Big Data Senior Consultant
## 50                                     Business Analyst II
##                             company                 location       date
## 1            Javen Technologies, Inc      Taylorsville, UT 2016-10-19
## 2                        CyberCoders             Boise, ID 2016-10-23
## 3                    Mitchell Martin   Long Island City, NY 2016-10-23
## 4          Princeton Information Ltd            Tampa, FL 2016-10-23
## 5                               Volt        Davenport, CA 2016-10-23
## 6         Software Guidance & Assistance          Irving, TX 2016-10-23
## 7                             Amazon        Cambridge, MA 2016-10-19
## 8                  UnitedHealth Group        Las Vegas, NV 2016-10-23
## 9                       Vaco - Dallas       Lewisville, TX 2016-10-23
## 10           Request Technology, LLC           Mclean, VA 2016-10-20
## 11                    Cox Enterprises South San Francisco, CA 2016-10-22
## 12            Robert Half Technology           Dallas, TX 2016-10-23
## 13         Princeton Information Ltd           Irving, TX 2016-10-23
## 14                             Amazon         Richmond, VA 2016-10-19
## 15                             Amazon        Palo Alto, CA 2016-10-19
## 16                Cisco Systems Inc.         San Jose, CA 2016-10-23
## 17                             Amazon           Seattle, WA 2016-10-23
## 18                 UnitedHealth Group         Rosemont, IL 2016-10-23
## 19                   NORTHROP GRUMMAN   Annapolis Junction, MD 2016-10-22
## 20                             Amazon        Cambridge, MA 2016-10-19
## 21                     Bloomberg L.P.         New York, NY 2016-10-23
## 22                 UnitedHealth Group     Eden Prairie, MN 2016-10-23
## 23                   NORTHROP GRUMMAN   Annapolis Junction, MD 2016-10-22
## 24                           Deloitte         New York, NY 2016-10-23
## 25                          ConsultAdd            Dallas, TX 2016-10-20
## 26 Systems Technology Group Inc. (STG)          Warren, MI 2016-10-16
```

```
## 27                        Idexcel Inc.        Sacramento, CA 2016-10-21
## 28                   UnitedHealth Group              Noida 2016-10-23
## 29                    NORTHROP GRUMMAN     Schriever Afb, CO 2016-10-22
## 30                            Deloitte      Los Angeles, CA 2016-10-23
## 31                              Amazon        Palo Alto, CA 2016-10-19
## 32                    NORTHROP GRUMMAN       Washington, DC 2016-10-22
## 33                   UnitedHealth Group           Boston, MA 2016-10-23
## 34                    Direct Technology       Sacramento, CA 2016-10-12
## 35                   Ascendum Solutions       Cincinnati, OH 2016-10-19
## 36                          CyberCoders     Sherman Oaks, CA 2016-10-23
## 37                              Amazon           Austin, TX 2016-10-19
## 38                  Quicken Loans Inc.          Detroit, MI 2016-10-23
## 39                              Amazon          Seattle, WA 2016-10-23
## 40                              Amazon        Sunnyvale, CA 2016-10-19
## 41               Frontline Source Group           Dallas, TX 2016-10-14
## 42                              Amazon           Austin, TX 2016-10-19
## 43                      Net2Source Inc.  farmington hills, MI 2016-10-21
## 44                   UnitedHealth Group           Hyderabad 2016-10-23
## 45                       Agile Premier      Fort Worth, TX 2016-10-23
## 46                          CyberCoders     Santa Clara, CA 2016-10-23
## 47                              Amazon        Cambridge, MA 2016-10-19
## 48              Electronics For Imaging       Ypsilanti, MI 2016-10-23
## 49                            Deloitte       Costa Mesa, CA 2016-10-23
## 50                              Amazon         Phoenix, AZ 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## [1] 836
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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
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## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Information+Retrieval&city=&
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## $resultItemList
##                                                        detailUrl
## 1                    http://www.dice.com/job/result/sssmi/701917?src=19
## 2                http://www.dice.com/job/result/RTL110658/160006C7?src=19
## 3                 http://www.dice.com/job/result/NEXIL001/744368?src=19
## 4                http://www.dice.com/job/result/prjctone/16-00282?src=19
## 5             http://www.dice.com/job/result/10208346/2408_ISE4_NC?src=19
## 6                  http://www.dice.com/job/result/nextgen/GIS_01?src=19
## 7            http://www.dice.com/job/result/cybercod/PB2-131274254?src=19
## 8   http://www.dice.com/job/result/10104805/US_EN_6_17194_53140944?src=19
## 9   http://www.dice.com/job/result/CXMODWOR/US_EN_6_17438_53150601?src=19
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```

```
## 11             http://www.dice.com/job/result/10119092/10141D?src=19
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## 13         http://www.dice.com/job/result/10117223/BHJOB10680_3939?src=19
## 14                   http://www.dice.com/job/result/newage/1899?src=19
## 15             http://www.dice.com/job/result/10113575/606986?src=19
## 16             http://www.dice.com/job/result/10313788/248246?src=19
## 17           http://www.dice.com/job/result/RTL61687/16-02385?src=19
## 18        http://www.dice.com/job/result/COMSYSD/FOX_11173224-920?src=19
## 19               http://www.dice.com/job/result/10117123/IN2?src=19
## 20           http://www.dice.com/job/result/itca001/16-08521?src=19
## 21             http://www.dice.com/job/result/90765503/719074?src=19
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## 25             http://www.dice.com/job/result/10302956/579858?src=19
## 26             http://www.dice.com/job/result/SOFTENG/2001482?src=19
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## 28          http://www.dice.com/job/result/toyotaca/TFS0020JDIC?src=19
## 29         http://www.dice.com/job/result/10117223/BHJOB10680_3437?src=19
## 30          http://www.dice.com/job/result/cybercod/RN1-1275530117?src=19
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## 35             http://www.dice.com/job/result/cxbcsi/Job27667?src=19
## 36          http://www.dice.com/job/result/10115369/AL9468-564?src=19
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## 38               http://www.dice.com/job/result/ndi/081016?src=19
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## 46             http://www.dice.com/job/result/RTL129499/716596?src=19
## 47         http://www.dice.com/job/result/tacman/Advantage_2590-377?src=19
## 48         http://www.dice.com/job/result/cxmnpwr1/FOX_11153947-113?src=19
## 49             http://www.dice.com/job/result/RTX16150d/744251?src=19
## 50             http://www.dice.com/job/result/10114908/572315?src=19
##                                                             jobTitle
## 1                                                    IT Security Analyst
## 2                                                       VP, IT & CISO
## 3     Lead C# ASP.Net Architect Developer (Senior Services Engineer) - G
## 4                         Director of Information Security - Publishing
## 5                                        Information Security Engineer 4
## 6                                                         GIS Analyst
## 7          Epic Systems Analyst - Health Information Management (HIM)
## 8               Network Security Engineer Full Time Job in Bay Area
## 9           Information Security Project Manager Job Columbus, Ohio
## 10                                                    B2B Data Analyst
## 11                                              User Experience Designer
## 12    Project Manager (PMI) - Implementation, Migration, Transformation
## 13                                                 IT Business Consultant
```

248

```
## 14                                    Director of Information Security
## 15                              Risk Management IT Analyst  #1302
## 16                                             IT Project Manager
## 17                         MDM Administrator/Product Specialist
## 18                                          Info Security Analyst
## 19                                       IT Sales representative
## 20                                             IT Project Manager
## 21                            Information Assurance - TS DOD/DHS
## 22                                 Information Security Analyst
## 23                        Data Visualization & Analytics Specialist
## 24                                       SharePoint Administrator
## 25                          Director - Security Data Engineering
## 26                                            Research Scientist
## 27                                              Capture Manager
## 28                                        IT Innovation Manager
## 29        Operational Risk Management Information Technology Analyst
## 30                                    Director of Security Systems
## 31                     Information Technology/Programming Director
## 32 Quantitative C++ Software Engineer Developer Programmer/Analyst - G
## 33                                 Information Security Analyst
## 34                                       IA C&A Policy Analyst
## 35                                 Information Security Analyst
## 36                          .Net Web Developer (IT Software Developer)
## 37                                        Information Architect
## 38                                 Information Security Manager
## 39                          Sr.Penetration Tester  in Washington D.C.
## 40           Healthcare Director / Director of Quality Performance / HEDIS
## 41            Java Software Engineer Developer Programmer/Analyst - M
## 42                            Senior PowerChart Ambulatory Analyst
## 43                                    Quality Assurance Engineer
## 44                                     User Experience Architect
## 45                             Sr. IT Risk Assessment Analyst
## 46                          Senior Information Security Engineer
## 47                                            SYSTEMS ARCHITECT
## 48                                 Information Security Analyst
## 49                                     Senior Network Engineer
## 50                             UX/UI Creative Engineer/Designer
##                              company            location        date
## 1      Strategic Staffing Solutions    Saint Louis, MO 2016-10-14
## 2                 Baxter Healthcare      Deerfield, IL 2016-10-23
## 3                 Next Step Systems   Philadelphia, PA 2016-10-21
## 4                  Project One, Inc.      New York, NY 2016-10-17
## 5                          Collabera      Charlotte, NC 2016-10-19
## 6                     Kyra Solutions    Tallahassee, FL 2016-10-21
## 7                        CyberCoders       Hartford, CT 2016-10-23
## 8                             Modis        Hercules, CA 2016-10-23
## 9                             Modis        Columbus, OH 2016-10-23
## 10                  Make Corporation    RIVERWOODS, IL 2016-10-21
## 11                        ConsultUSA     Pittsburgh, PA 2016-10-21
## 12                        VDart, Inc.        Atlanta, GA 2016-10-22
## 13                N-Tier Solutions Inc.        Wilson, NC 2016-09-27
## 14      New Age Software Services, Inc    Washington, DC 2016-10-21
## 15          PINPOINT Resource Group      Charlotte, NC 2016-10-11
## 16               Federal Reserve Bank      Cleveland, OH 2016-10-23
```

```
## 17            CompuGain Corporation Salt Lake City, UT 2016-10-21
## 18                        Experis      Charlotte, NC 2016-10-23
## 19      Agile Global Solutions, Inc         Folsom, CA 2016-10-16
## 20                        Ascent         Chicago, IL 2016-10-23
## 21                      Celertek     Springfield, VA 2016-10-19
## 22                Vaco - Memphis         Memphis, TN 2016-10-23
## 23 Net ESolutions Corporation (NETE)      Rockville, MD 2016-10-23
## 24    Exeter Government Services LLC     Guantanamo Bay 2016-10-04
## 25                    Capital One         Mclean, VA 2016-10-17
## 26    Software Engineering Institute     Pittsburgh, PA 2016-10-03
## 27     Trusted Mission Solutions, Inc.        McLean, VA 2016-10-21
## 28    TFS - Toyota Financial Services         Plano, TX 2016-10-01
## 29           N-Tier Solutions Inc.      Charlotte, NC 2016-09-27
## 30                    CyberCoders   Los Angeles, CA 2016-10-23
## 31             Confidential Company   New Bedford, MA 2016-10-17
## 32              Next Step Systems      New York, NY 2016-10-21
## 33      V-Soft Consulting Group, Inc        Chicago, IL 2016-10-21
## 34            Connected Logistics   Springfield, VA 2016-09-29
## 35                    Calance US       Atlanta, GA 2016-10-23
## 36                  Vaco - Dallas    Richardson, TX 2016-10-23
## 37                   Tanson Corp        De Pere, WI 2016-10-19
## 38                        eclaro   Woodland Park, NJ 2016-09-29
## 39      Synapse Business Systems     Washington, DC 2016-10-12
## 40    Advantex Professional Services        Orange, CA 2016-10-18
## 41              Next Step Systems       Houston, TX 2016-10-21
## 42       IT Works Recruitment Inc   Stony Brook, NY 2016-10-06
## 43           Federal Reserve Bank        Chicago, IL 2016-10-23
## 44                    Softova Inc        Chicago, IL 2016-10-10
## 45                 Oakwood Search      New York, NY 2016-09-30
## 46       Williams & Connolly LLP     Washington, DC 2016-09-29
## 47                      Advantage      Charlotte, NC 2016-10-23
## 48                        Experis   Jacksonville, FL 2016-10-23
## 49              The Newport Group      Charlotte, NC 2016-10-20
## 50                      Mindlance     Washington, DC 2016-10-03
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
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##
## $resultItemList
##                                                        detailUrl
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## 1     http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
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## 3           http://www.dice.com/job/result/10115700c/514062?src=19
## 4            http://www.dice.com/job/result/ccetx001/744146?src=19
## 5    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6            http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 7      http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 8       http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 9     http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 10           http://www.dice.com/job/result/10360631/736240?src=19
## 11           http://www.dice.com/job/result/10175336/747098?src=19
## 12              http://www.dice.com/job/result/cybersea/5599?src=19
## 13           http://www.dice.com/job/result/10516063/632028?src=19
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## 15      http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 16          http://www.dice.com/job/result/aces/00020175051?src=19
## 17           http://www.dice.com/job/result/matrixga/113029?src=19
## 18           http://www.dice.com/job/result/10412228/675018?src=19
## 19     http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
## 20          http://www.dice.com/job/result/amazon20/383051?src=19
## 21              http://www.dice.com/job/result/ndi/564851?src=19
## 22           http://www.dice.com/job/result/10334594/815961?src=19
## 23           http://www.dice.com/job/result/matrixga/117153?src=19
## 24    http://www.dice.com/job/result/90739239/Prashant_DataC?src=19
## 25    http://www.dice.com/job/result/90769273/Tgdatascientist?src=19
## 26           http://www.dice.com/job/result/ngitbot/16018044?src=19
## 27       http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
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## 43           http://www.dice.com/job/result/cxjudgpa/508966?src=19
## 44           http://www.dice.com/job/result/gatpa001/131419?src=19
## 45           http://www.dice.com/job/result/10121374/PB-SrQA?src=19
## 46           http://www.dice.com/job/result/10110894/SEV170?src=19
## 47           http://www.dice.com/job/result/msyca001/740342?src=19
## 48           http://www.dice.com/job/result/90969990/738031?src=19
## 49           http://www.dice.com/job/result/10323494/687149?src=19
## 50              http://www.dice.com/job/result/atitx/737313?src=19
##                                                          jobTitle
## 1                                        Business/Systems Analyst
## 2                                               Wireless Engineer
## 3                                             Full Stack Developer
```

```
## 4                                       Big Data Consultant
## 5           Data Modeler III - Business Intelligence Architect
## 6                                          Security Analyst
## 7                          Solutions Architect - E-commerce
## 8              Research Engineer - Python, Machine Learning,
## 9                                       Senior Data Engineer
## 10           Fullstack developer with big data Technologies
## 11              Business Analyst--Healthcare--Long Beach CA
## 12                                             WCS Architect
## 13                        SQL BI/ETL Developer - Canton, OH
## 14                                         Senior Data Analyst
## 15     Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 16                             Enterprise Architect - Manager
## 17                              BUSINESS SYSTEMS CONSULTANT
## 18                                     IT Operations manager
## 19 Software Engineer - Programming, Blockchain Technology, bitcoin
## 20                                Security Systems Engineer
## 21                                               Oracle DBA
## 22                            Clinical Annotator- data mining
## 23                          Associate Technician-Baseline (Net)
## 24                              Data Cap/FileNet Developer
## 25                                            Data scientist
## 26                                Engineer Aeronautical 2
## 27                                 Java / Big Data Developer
## 28          Developer Business Intelligence(**DIRECT CLIENT**)
## 29         Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 30   Test Data Engineer - Relaxed environment and awesome culture!
## 31                              Regional Account Executive
## 32                                        Business Analyst I
## 33                                            .NET Developer
## 34            Senior Project Manager - Data Center Migrations
## 35                                       Developer III - ETL
## 36                            .Net BigData Scala Developer
## 37                                              Data Modeler
## 38                                     Solutions Architect
## 39 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 40                        Data Scientist - JOIN A GROWING TEAM!
## 41                                        Category Manager
## 42                                          Data Scientist
## 43                              Manager, Data Engineering
## 44                        Netezza Data Warehouse Senior DBA
## 45                                       Senior QA Engineer
## 46                                Oracle PL/SQL Developer
## 47                            Big Data Integration Engineer
## 48         Energy Systems Administrator - Sioux Falls, SD
## 49                              Big Data / ETL/DB Developer
## 50                        Director Infrastructure Engineering
##                            company            location        date
## 1                             Volt      Jersey City, NJ 2016-10-23
## 2                  Wizard Staff, Inc          Irvine, CA 2016-10-17
## 3              Randstad Technologies         Austin, TX 2016-10-23
## 4              Automation Image Inc.        Irving, TX 2016-10-20
## 5                       Fannie Mae      Washington, DC 2016-10-23
## 6                     Tentek, Inc.         Seattle, WA 2016-09-30
```

252

```
## 7                          TeamSoft            Madison, WI 2016-10-21
## 8                       CyberCoders         San Mateo, CA 2016-10-23
## 9                            Agile             Atlanta, GA 2016-10-23
## 10               Neuro Systems Inc.          Sunnyvale, CA 2016-10-14
## 11           Sedna Consulting Group         Long Beach, CA 2016-10-23
## 12                 Cybersearch, Ltd.            Austin, TX 2016-10-19
## 13 TapRoot Recruiting Solutions, Inc.           Canton, OH 2016-10-23
## 14                          Infodym            Herndon, VA 2016-10-06
## 15                      CyberCoders      San Francisco, CA 2016-10-23
## 16    Cognizant Technology Solutions          Hartford, CT 2016-10-23
## 17                 Matrix Resources         Charlotte, NC 2016-10-23
## 18                         Uniqsoft    Woodcliff Lake, NJ 2016-10-21
## 19                      CyberCoders          Palo Alto, CA 2016-10-23
## 20                           Amazon           Boardman, OR 2016-10-19
## 21                           eclaro            atlanta, GA 2016-09-26
## 22             Javen Technologies, Inc    Taylorsville, UT 2016-10-19
## 23                 Matrix Resources      Fort Stockton, TX 2016-10-23
## 24    22nd Century Technologies, Inc.         Lansing,, MI 2016-10-21
## 25        Infogium Technologies, LLC         Charlotte, NC 2016-09-26
## 26                 NORTHROP GRUMMAN          San Diego, CA 2016-10-22
## 27              Xoriant Corporation           Bristol, CT 2016-10-21
## 28             XCEL Solutions Corp.          NEW YORK, NY 2016-10-23
## 29                      CyberCoders            Nashua, NH 2016-10-23
## 30                      CyberCoders             Boise, ID 2016-10-23
## 31                       PeerSource           Chicago, IL 2016-10-20
## 32                        JDC Group                       2016-10-23
## 33                              CSC           Isabela, PR 2016-10-23
## 34               David Kenneth Group         Annapolis, MD 2016-10-18
## 35            Fidelis Care New York         Rochester, NY 2016-10-23
## 36                             Zen3           Redmond, WA 2016-10-21
## 37                Apex Systems, Inc          Roseland, NJ 2016-10-11
## 38                  HD Supply, Inc.           Atlanta, GA 2016-10-11
## 39            Paragon Solutions Inc.          Cranford, NJ 2016-10-21
## 40                      CyberCoders         Cambridge, MA 2016-10-23
## 41                The Creative Group      Saddle River, NJ 2016-10-23
## 42                  Mitchell Martin Long Island City, NY 2016-10-23
## 43                  The Judge Group        Burlington, MA 2016-10-23
## 44                           Mastech Saint Petersburg, FL 2016-10-23
## 45         AAJ Interactive Technologies      Springfield, VA 2016-10-18
## 46             Maxima Consulting Inc            Boston, MA 2016-10-20
## 47                        MSYS Inc.     San Francisco, CA 2016-10-23
## 48       Missouri River Energy Services       Des Moines, IA 2016-10-18
## 49            Horizon International           Danbury, CT 2016-10-20
## 50               Amer Technology, Inc            Austin, TX 2016-10-21
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 358
##
## $firstDocument
```

```
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Finance&city=&text=&ip=&dice
##
## $resultItemList
##                                                                        detailUrl
## 1                       http://www.dice.com/job/result/10528254/linuxsat?src=19
## 2                       http://www.dice.com/job/result/10126196/16-00172?src=19
## 3                        http://www.dice.com/job/result/10507810/746694?src=19
## 4                        http://www.dice.com/job/result/cxcrstff/739496?src=19
## 5                        http://www.dice.com/job/result/10207044/735666?src=19
## 6   http://www.dice.com/job/result/10103202a/US_EN_6_37048_53621195?src=19
## 7                        http://www.dice.com/job/result/90941473/729344?src=19
## 8                       http://www.dice.com/job/result/esi/FS_BH40178-959?src=19
## 9                        http://www.dice.com/job/result/10111619/673144?src=19
## 10                         http://www.dice.com/job/result/10108942/12541?src=19
## 11                 http://www.dice.com/job/result/10115369/24469DAL-289?src=19
## 12                  http://www.dice.com/job/result/RTL153198/OGLL001?src=19
## 13                        http://www.dice.com/job/result/90942233/536946?src=19
## 14                  http://www.dice.com/job/result/90573793/OAMO_0410?src=19
## 15                        http://www.dice.com/job/result/10369051/725769?src=19
## 16                       http://www.dice.com/job/result/infogain/RMS-5909?src=19
## 17                        http://www.dice.com/job/result/10240767/743896?src=19
## 18            http://www.dice.com/job/result/10208648/HA32469327-521?src=19
## 19                        http://www.dice.com/job/result/10471966/005611?src=19
## 20                  http://www.dice.com/job/result/10114776/SMA00005?src=19
## 21                    http://www.dice.com/job/result/vivausa/LSGAO339?src=19
## 22                   http://www.dice.com/job/result/10371697/AX1021-311?src=19
## 23                        http://www.dice.com/job/result/10516783/728654?src=19
## 24                    http://www.dice.com/job/result/10113757A/747723?src=19
## 25                    http://www.dice.com/job/result/10197369/ASjavaarch?src=19
## 26                    http://www.dice.com/job/result/mitchmar/ACSROSSIBA?src=19
## 27              http://www.dice.com/job/result/cybercod/BS3-132299711?src=19
## 28                        http://www.dice.com/job/result/10106003/720812?src=19
## 29                   http://www.dice.com/job/result/RTX1b96d1/4738807?src=19
## 30                   http://www.dice.com/job/result/10428868/SR904212?src=19
## 31                    http://www.dice.com/job/result/entca005/k-7184?src=19
## 32               http://www.dice.com/job/result/10511447/JSM1610-008?src=19
## 33                        http://www.dice.com/job/result/10311998/735963?src=19
## 34                       http://www.dice.com/job/result/10126196/16-00167?src=19
## 35                       http://www.dice.com/job/result/10110049/Req-1950?src=19
## 36           http://www.dice.com/job/result/COMSYSD/FOX_11174685-51?src=19
## 37                        http://www.dice.com/job/result/10112409/402107?src=19
## 38            http://www.dice.com/job/result/10409917/SCEJP00000715?src=19
## 39                        http://www.dice.com/job/result/10516783/728676?src=19
## 40                        http://www.dice.com/job/result/10340217/739600?src=19
## 41                        http://www.dice.com/job/result/10447565/699834?src=19
## 42                        http://www.dice.com/job/result/10289806/642710?src=19
## 43                        http://www.dice.com/job/result/10271304/681738?src=19
## 44           http://www.dice.com/job/result/RTL152550/1005312259160?src=19
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```
## 45                       http://www.dice.com/job/result/10108900/729761?src=19
## 46                       http://www.dice.com/job/result/adrnj001/OFSAA1?src=19
## 47                      http://www.dice.com/job/result/10112774/16001249?src=19
## 48                       http://www.dice.com/job/result/10109928/677514?src=19
## 49                       http://www.dice.com/job/result/10368363/740236?src=19
## 50                       http://www.dice.com/job/result/10111403/J01969?src=19
## ##                                                                     jobTitle
## 1     Linux Systems Engineer Red Hat Pre-Production Test Trading Banking Finance New Jersey
## 2                                                            Project Manager Risk
## 3                                                    Hyperion Analyst - HFM Module
## 4                                        SR. Netsuite Techno Functional consultant
## 5                              IT Business Relationship Manager-Accounting and Finance
## 6                                        Auto Finance Customer Service Job in Irving, TX
## 7                                                              Hyperion Developer
## 8                                                           Program Manager / RTP
## 9        SAP Functional Consultant ( Agri Procurement & Commodity Management)
## 10                                     Senior Business Analyst Product Development
## 11              SAS Reporting Analyst | Lewisville, TX | up to $85K Direct Hire
## 12                                                       Oracle GL Functional Lead
## 13                                                     C++ Low Latency Developer
## 14                                                    Oracle Applications Analyst
## 15                                                       SAP LE Business Analyst
## 16                              Associate Consultant-Oracle Apps Finance Technical
## 17               java developer(integration with Payments, Financial Report)--ca
## 18                                  Senior Software Developer- Financial Services
## 19                                                     Business Analyst IV - Finance
## 20                              Supervisor, Rating and Underwriting Consultant
## 21                                              Offer / Bid Proposals Analyst II
## 22               Dynamics AX, Finance & Project Accounting Consultant - $130k
## 23                                                             VP of Collections
## 24                              Financial Dashboard Business Intelligence Architect
## 25                              Senior Java Architect - New Technology Evangelist
## 26                                                      Regulatory BA - AVP Level
## 27               Data Scientist - Data Modeling/Analytics, Machine Learning
## 28                                                          MS Access Developer
## 29                                    Sr. Data Integration Developer, MIO Partners
## 30       Immediate need -  Scrum Master cum Business Systems Analyst  - Direct
## 31                                                 Senior Change Lead Consultant
## 32                                             Financial Business Analyst ( ZBB)
## 33          SAP FI - FINANCE FUNCTIONAL CONSULTANT opportunity in Palo Alto, CA
## 34                                              Analytics Consultant: Credit Risk
## 35                                                    Project Manager - Telecom
## 36                                       Senior Information Security Analyst
## 37       Lead Web developer with Single Page Application and Reactive Technologies
## 38                                                            IT Project Manager
## 39                                            Manager of Customer Identification
## 40                                                        Testing PM local to CA
## 41                                       SAP FI/CO- Senior Business System Analyst
## 42               Business Analyst (JDE Distribution) Position in Lake Forest, IL
## 43                                       Business Analyst with Mortgage experience
## 44                                              IT Security & Compliance Manager
## 45                                                    AML Data Strategy Architect
## 46 Netsuite Finance Functional / Oracle Financial Services Analytical Applications (OFSAA)
## 47                              IT Finance Business Partner (Infrastructure and Securit
```

255

```
## 48                                          Python Developer - Hedge Fund
## 49                                            IT Audit Manager - Federal
## 50                Oracle EBS Finance Analyst Consultant AR (#1072-MH2444)
##                                                                  company
## 1                                                        Joseph Harry Ltd
## 2                                                          Shimento, Inc.
## 3                                                             Akshaya Inc
## 4                                                                   s.com
## 5                                                        The Denzel Group
## 6                                                                   Modis
## 7                                                    HonorVet Technologies
## 8                                                         Harvey Nash USA
## 9                                                      Sierra Infosys Inc.
## 10                                                          Maxonic, Inc.
## 11                                                          Vaco - Dallas
## 12                                                            Enrich, LLC
## 13                                                         Vezzo Solutions
## 14                                              9to9 Software Solutions LLC
## 15                                                        Alpha Recruitment
## 16                                                     Infogain Corporation
## 17                                                         Source Infotech
## 18                                      Huxley Banking & Financial Services
## 19                                                          Open Analytics
## 20                                                                    BCBSM
## 21                                                            VIVA USA INC
## 22                                         Nigel Frank International Inc.
## 23                                                           NewConfig LLC
## 24                                       PurpleSquirrel / Identify Recruiting
## 25                                         Hamilton Technical Personnel
## 26                                                    Mitchell Martin, Inc.
## 27                                                             CyberCoders
## 28                                                        Data Incorporated
## 29                                                        MIO Partners, INC
## 30                                                              Accion Labs
## 31                                                     Enterprise Solutions
## 32                                                           JSM Consulting
## 33                                                    KPIT Infosystems, Inc.
## 34                                                          Shimento, Inc.
## 35                                              Pegasus Knowledge Solutions
## 36                                                                 Experis
## 37                                                          The Astor Group
## 38                                                         MW Partners LLC
## 39                                                           NewConfig LLC
## 40                                                               Oberon IT
## 41                                               Titan Technologies, Inc.
## 42 Programmer Resources International Inc (PRI Inc.)
## 43                                                        Net2Source Inc.
## 44                                                            Ledgent Tech
## 45                                                            Evantage LLC
## 46                                        Adroit Software & Consulting Inc
## 47             The Guardian Life Insurance Company Of America
## 48                                                            GMS Advisors
## 49                                                        MiCORE Solutions
## 50                                                Moorecroft Systems Inc.
```

256

```
##                    location       date
## 1         Parsippany, NJ 2016-10-07
## 2           san ramon, CA 2016-10-21
## 3           Sunnyvale, CA 2016-10-21
## 4              Boston, MA 2016-10-19
## 5           Lancaster, PA 2016-10-13
## 6              Irving, TX 2016-10-23
## 7             Houston, TX 2016-10-11
## 8           Manhattan, NY 2016-10-23
## 9             Houston, TX 2016-10-05
## 10           San Jose, CA 2016-10-19
## 11         Lewisville, TX 2016-10-23
## 12          Las Vegas, NV 2016-10-14
## 13           New York, NY 2016-10-21
## 14        Kansas City, MO 2016-10-21
## 15            Detroit, MI 2016-10-21
## 16 Sunnyvale Ca, CALIFORNIA 2016-10-14
## 17        Santa Clara, CA 2016-10-19
## 18             Boston, MA 2016-10-23
## 19             McLean, VA 2016-10-05
## 20            Detroit, MI 2016-10-23
## 21            Suwanee, GA 2016-10-21
## 22          Manhattan, NC 2016-10-23
## 23           New York, NY 2016-10-18
## 24        Minneapolis, MN 2016-10-23
## 25           Stamford, CT 2016-10-23
## 26            Raleigh, NC 2016-10-19
## 27      San Francisco, CA 2016-10-23
## 28      New York City, NY 2016-10-05
## 29           New York, NY 2016-10-17
## 30         SAINT LOUIS, MO 2016-10-19
## 31      San Francisco, CA 2016-10-19
## 32            Jamaica, NY 2016-10-20
## 33          Palo Alto, CA 2016-10-19
## 34      San Francisco, CA 2016-10-21
## 35         Schaumburg, IL 2016-10-14
## 36             Irving, TX 2016-10-23
## 37           New York, NY 2016-10-21
## 38     Woodland Hills, CA 2016-10-11
## 39           New York, NY 2016-10-07
## 40      San Francisco, CA 2016-10-21
## 41     King of Prussia, PA 2016-10-20
## 42        Lake Forest, IL 2016-10-21
## 43        Jersey City, NJ 2016-10-21
## 44         Seal Beach, CA 2016-10-23
## 45         Pennington, NJ 2016-10-23
## 46         costa mesa, CA 2016-10-21
## 47           New York, NY 2016-10-23
## 48           New York, NY 2016-10-14
## 49         Alexandria, VA 2016-10-18
## 50         Cincinnati, OH 2016-10-21

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file
```

```
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 197
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Consumer+Internet&city=&text=
##
## $resultItemList
##                                                        detailUrl
## 1          http://www.dice.com/job/result/WISEMEN/20160804?src=19
## 2      http://www.dice.com/job/result/10115369/24469DAL-289?src=19
## 3           http://www.dice.com/job/result/10281821/840879?src=19
## 4           http://www.dice.com/job/result/capricor/365853?src=19
## 5           http://www.dice.com/job/result/10376101/730755?src=19
## 6      http://www.dice.com/job/result/cybercod/MC8-131013046?src=19
## 7           http://www.dice.com/job/result/10516783/728654?src=19
## 8      http://www.dice.com/job/result/cybercod/EE-1188697112?src=19
## 9           http://www.dice.com/job/result/10124418/554111?src=19
## 10             http://www.dice.com/job/result/usts/5865563?src=19
## 11        http://www.dice.com/job/result/10107031/2016-1858?src=19
## 12     http://www.dice.com/job/result/cybercod/CB2-13239789?src=19
## 13          http://www.dice.com/job/result/10211516/737142?src=19
## 14          http://www.dice.com/job/result/90918768/683842?src=19
## 15          http://www.dice.com/job/result/10516783/728676?src=19
## 16 http://www.dice.com/job/result/RTL152550/1005312259160?src=19
## 17  http://www.dice.com/job/result/cybercod/KB2-131087164?src=19
## 18      http://www.dice.com/job/result/10111003/703240-AM?src=19
## 19        http://www.dice.com/job/result/10204393/18342BR?src=19
## 20          http://www.dice.com/job/result/10170376/734445?src=19
## 21   http://www.dice.com/job/result/cybercod/ND2-13251034?src=19
## 22           http://www.dice.com/job/result/fglobal/687509?src=19
## 23 http://www.dice.com/job/result/cybercod/CMM-1279144121?src=19
## 24 http://www.dice.com/job/result/cybercod/BJ1-1276776121?src=19
## 25         http://www.dice.com/job/result/10111438/SJ-9368?src=19
## 26 http://www.dice.com/job/result/cybercod/JS8-1267967120?src=19
## 27       http://www.dice.com/job/result/RTX16f1ff/4723361?src=19
## 28          http://www.dice.com/job/result/10504512/746895?src=19
## 29           http://www.dice.com/job/result/apexsan/708824?src=19
## 30          http://www.dice.com/job/result/10423087/707593?src=19
## 31          http://www.dice.com/job/result/90737494/738261?src=19
## 32          http://www.dice.com/job/result/corct001/T2670?src=19
## 33          http://www.dice.com/job/result/10116608/14508?src=19
## 34        http://www.dice.com/job/result/10309206/MA-MI-ME?src=19
## 35    http://www.dice.com/job/result/10405976/2210-Web-UX?src=19
## 36          http://www.dice.com/job/result/90670493/721104?src=19
```

```
## 37                    http://www.dice.com/job/result/mirage/728305?src=19
## 38   http://www.dice.com/job/result/cybercod/RN2-130947068?src=19
## 39                  http://www.dice.com/job/result/10313782/RB-QT?src=19
## 40             http://www.dice.com/job/result/10111233/4732732?src=19
## 41   http://www.dice.com/job/result/cybercod/ND2-132057823?src=19
## 42             http://www.dice.com/job/result/10114281/728627?src=19
## 43             http://www.dice.com/job/result/90887861/724876?src=19
## 44                http://www.dice.com/job/result/bhodblok/1787?src=19
## 45             http://www.dice.com/job/result/hcl001ERS/744059?src=19
## 46             http://www.dice.com/job/result/cxbcsi/Job28161?src=19
## 47 http://www.dice.com/job/result/10330808/A03CPBAPMVINCA?src=19
## 48             http://www.dice.com/job/result/10458156/145863?src=19
## 49   http://www.dice.com/job/result/cybercod/JK-13247465?src=19
## 50          http://www.dice.com/job/result/10458571/26970072?src=19
##                                                             jobTitle
## 1                                                      Desktop Support
## 2    SAS Reporting Analyst | Lewisville, TX | up to $85K Direct Hire
## 3                                                   Mechanical Engineer
## 4                                                      Network Analyst
## 5          Director/Executive Director of Consumer Data/Insights
## 6              EDI Analyst for a Global Company - EDI, SAP, SQL
## 7                                                     VP of Collections
## 8      Distributed Systems Engineer- Internet Scale AI Platform!
## 9                                              Android Mobile Developer
## 10                                            Security Systems Sr. Advisor
## 11                                                        Java Engineer
## 12                                            Embedded Software Engineer
## 13     Storage (SAN) Administrator / Storage Server Administrator
## 14                                          Senior Web Portal SW Developer
## 15                                        Manager of Customer Identification
## 16                                        IT Security & Compliance Manager
## 17               Product Manager - B2B, Enterprise, Mid-Level
## 18                                          Business Development Manager
## 19                                          Associate - Business Consulting
## 20                                              Java Application Developer
## 21 .Net Full Stack Developer - C#, MVC4, SQL, JavaScript -100K-120K
## 22                                        Project Manager/Analyst - W2 only
## 23                                                 CCIE Network Architect
## 24 Senior Mobile Developer - Android, Java, SDK, Internet of Things
## 25                        Director of eCommerce - Direct-to-Consumer
## 26          VP of Electrical Engineering - Create a Wireless World
## 27                                              Programmer Analyst III
## 28                                                     Android Developer
## 29                                                  Sr. Business Analyst
## 30                                                Scrum Business Analyst
## 31                                            Electrical Engineer- Battery1
## 32                                              UX Researcher / Designer
## 33                                              Pacer Help Desk - 14508
## 34                          Mechanical Engineer (Contract to Hire)
## 35                                                    WEB UX DEVELOPER
## 36                                        Sales "Internet Of Things" Pro
## 37             Java Frontend Applications Programmer_2 Positions
## 38   C/C++ Software Engineer- Medical Devices/Consumer Electronics
## 39           Java Developer with Testing Experience - Full Time
```

```
## 40                              Technical Marketing Engineer
## 41    Sr. .Net Developer - C#, MVC4+, SQL, JavaScript -100K-120K
## 42                                  Sr. Data Network Engineer
## 43                                 Technical Support Analyst I
## 44                             System / Cloud Computing Architect
## 45                            Objective C-Automation Developer
## 46                                   Business Systems Analyst
## 47    Consumer Products(Business Analyst)/Project Manager - SDLC
## 48                                       NETWORK  Engineer
## 49            Front End Developer - Up to $250k base + equity!
## 50            Security Operations Center (SOC) Analyst Tier 1
##                             company            location       date
## 1               Wise Men Consultants     Fort Worth, TX 2016-10-21
## 2                       Vaco - Dallas     Lewisville, TX 2016-10-23
## 3                        H10 Capital        redmond, WA 2016-09-27
## 4             Capricorn Systems, Inc.       RICHMOND, VA 2016-10-10
## 5                       GATE Staffing       Westbury, NY 2016-10-12
## 6                         CyberCoders  San Francisco, CA 2016-10-23
## 7                       NewConfig LLC       New York, NY 2016-10-18
## 8                         CyberCoders  San Francisco, CA 2016-10-23
## 9   Systems Technology Group Inc. (STG)        Warren, MI 2016-10-16
## 10           U.S. Tech Solutions Inc.          Plano, TX 2016-10-19
## 11                        SolTech, Inc      McDonough, GA 2016-10-20
## 12                         CyberCoders   Philadelphia, PA 2016-10-23
## 13                  FutureNet Group Inc        Detroit, MI 2016-10-14
## 14                           Nityo AR         Denver, CO 2016-10-21
## 15                      NewConfig LLC       New York, NY 2016-10-07
## 16                       Ledgent Tech      Seal Beach, CA 2016-10-23
## 17                        CyberCoders   Philadelphia, PA 2016-10-23
## 18          Global Information Services   Tallahassee, FL 2016-10-21
## 19                            Infosys       New York, NY 2016-10-23
## 20                         Resourcesys  San Francisco, CA 2016-10-21
## 21                        CyberCoders          Orange, CA 2016-10-23
## 22                 FuseGlobal Partners     Saint Louis, MO 2016-10-22
## 23                        CyberCoders          Dallas, TX 2016-10-23
## 24                        CyberCoders  San Francisco, CA 2016-10-23
## 25            Tandem Recruiting Group City of Industry, CA 2016-10-20
## 26                        CyberCoders    Santa Monica, CA 2016-10-23
## 27                     CITY OF FRESNO         Fresno, CA 2016-10-19
## 28              Cogent Data Solutions Llc       Bothell, WA 2016-10-21
## 29                  Apex Systems, Inc        Atlanta, GA 2016-10-04
## 30              Intone Networks Inc.       Columbus, OH 2016-10-17
## 31                    Lenora Systems        Redmond, WA 2016-10-15
## 32          Corporate Systems Associates       Hartford, CT 2016-10-21
## 33                 Camber Corporation     San Antonio, TX 2016-10-23
## 34                             Finezi Farmington Hills, MI 2016-10-21
## 35           Somasoft Solutions. Inc.,    Traverse City, MI 2016-10-23
## 36                          DCG Trade  San Francisco, CA 2016-10-03
## 37             Bourntec Solutions, Inc.        Raleigh, NC 2016-10-20
## 38                        CyberCoders         Boston, MA 2016-10-23
## 39                  Activesoft, Inc.       Ann Arbor, MI 2016-10-21
## 40                          VTM Group       Beaverton, OR 2016-10-20
## 41                        CyberCoders          Orange, CA 2016-10-23
## 42   Alltech Consulting Services, Inc.   New York City, NY 2016-10-07
```

260

```
## 43              University Of Montevallo        Montevallo, AL 2016-10-05
## 44      The Port Authority of NY & NJ    Jersey City, NJ 2016-09-23
## 45              HCL America Inc.           Palo Alto, CA 2016-10-19
## 46              Calance US                 Torrance, CA 2016-10-23
## 47              VDart, Inc.                 Burbank, CA 2016-10-22
## 48              Tek Energy LLC.             Irving,, TX 2016-10-14
## 49              CyberCoders             Santa Monica, CA 2016-10-23
## 50              Delta Risk LLC          Washington, DC 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file


## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
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## $firstDocument
## [1] 1
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## $lastDocument
## [1] 17
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## 1          http://www.dice.com/job/result/10280377/742206?src=19
## 2          http://www.dice.com/job/result/WISEMEN/20160804?src=19
## 3   http://www.dice.com/job/result/cybercod/MD3-132008724?src=19
## 4   http://www.dice.com/job/result/cybercod/DS7-131451945?src=19
## 5    http://www.dice.com/job/result/SALEMTCH/LRNZWRNV-490?src=19
## 6              http://www.dice.com/job/result/usts/741710?src=19
## 7          http://www.dice.com/job/result/10111619/741460?src=19
## 8          http://www.dice.com/job/result/10116008/741455?src=19
## 9    http://www.dice.com/job/result/SALEMTCH/LRNZBALT-601?src=19
## 10    http://www.dice.com/job/result/RTX1297af/HSEMAXIMO?src=19
## 11         http://www.dice.com/job/result/10116544/702693?src=19
## 12         http://www.dice.com/job/result/atrilogy/7560905?src=19
## 13  http://www.dice.com/job/result/talbrid/WTA_9851_BACA?src=19
## 14         http://www.dice.com/job/result/10432082/675257?src=19
## 15         http://www.dice.com/job/result/90752935/735877?src=19
## 16     http://www.dice.com/job/result/10499052/CSDA22316?src=19
## 17         http://www.dice.com/job/result/90767976/76545?src=19
##                                                             jobTitle
## 1                                       Senior Business Analyst (9098)
## 2                                                      Desktop Support
## 3                                                 Automation Engineer -
## 4                            Senior Project Manager - Wastewater, EPC
## 5                      Mechanical Designer/Drafter (Gas Transmission)
## 6                                                  Sr. Project Manager
## 7                                                 SAP Solution Architect
## 8                                                   C++ / C# Developer
## 9                      Mechanical Designer/Drafter (Gas Transmission)
## 10 IBM Maximo, Health Safety and Environment (HSE) Subject Matter Expert
## 11                                                    SAP IDM Consultant
```

```
## 12                                    Manager, Software Engineering
## 13                                  Wellwork Technology Assistant
## 14                                              EAM Consultant
## 15                              Director of Information Technology
## 16          Senior Data Scientist - Advanced Analytics Team - Tulsa
## 17                                            Onbase Consultant
##                            company        location       date
## 1              Radiansys, Inc.    San Ramon, CA 2016-10-21
## 2          Wise Men Consultants   Fort Worth, TX 2016-10-21
## 3                    CyberCoders      Shawnee, OK 2016-10-23
## 4                    CyberCoders      Houston, TX 2016-10-23
## 5               The Salem Group   Naperville, IL 2016-10-23
## 6        U.S. Tech Solutions Inc.  Juno Beach, FL 2016-10-19
## 7           Sierra Infosys Inc. Kansas City, MO 2016-10-18
## 8      Speridian Technologies LLC     Houston, TX 2016-10-18
## 9               The Salem Group    Baltimore, MD 2016-10-23
## 10            Interloc Solutions       Folsom, CA 2016-10-20
## 11 HALLMARK GLOBAL TECHNOLOGIES INC   Houston, TX 2016-10-21
## 12    Atrilogy Solutions Group, Inc.      Austin, TX 2016-10-21
## 13          Talbridge Corporation Bakersfield, CA 2016-10-21
## 14                    U-tegration     Houston, TX 2016-09-30
## 15           PREDICTif Solutions     Houston, TX 2016-10-13
## 16          Certus Solutions LLC        Tulsa, OK 2016-10-20
## 17                    Omega Hires    Houston, TX 2016-10-21

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## $lastDocument
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## $resultItemList
##                                                    detailUrl
## 1          http://www.dice.com/job/result/10267832/707351?src=19
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## 3          http://www.dice.com/job/result/amazonAWS/452287?src=19
## 4          http://www.dice.com/job/result/10120303/721443?src=19
## 5          http://www.dice.com/job/result/RTL54619/654966?src=19
## 6          http://www.dice.com/job/result/amazonAWS/437800?src=19
## 7          http://www.dice.com/job/result/amazonAWS/427531?src=19
## 8          http://www.dice.com/job/result/amazonAWS/447064?src=19
## 9            http://www.dice.com/job/result/uhgbot/686283?src=19
## 10         http://www.dice.com/job/result/amazonAWS/427999?src=19
## 11           http://www.dice.com/job/result/10108942/12574?src=19
## 12       http://www.dice.com/job/result/10119098/LT_BK_3693?src=19
## 13         http://www.dice.com/job/result/10267832/734352?src=19
```

```
## 14           http://www.dice.com/job/result/amazonAWS/372529?src=19
## 15           http://www.dice.com/job/result/cxjudgpa/502768?src=19
## 16           http://www.dice.com/job/result/cxjudgpa/508839?src=19
## 17            http://www.dice.com/job/result/RTX19fc63/DC22?src=19
## 18          http://www.dice.com/job/result/appblok/1609_686283?src=19
## 19    http://www.dice.com/job/result/cybercod/FK1-131380828?src=19
## 20    http://www.dice.com/job/result/cybercod/MB4-131632937?src=19
## 21 http://www.dice.com/job/result/rhalfint/00401-0008891999?src=19
## 22 http://www.dice.com/job/result/rhalfint/03900-0008822843?src=19
## 23            http://www.dice.com/job/result/RTX1834b4/5493?src=19
## 24         http://www.dice.com/job/result/ngitbot/16020714?src=19
## 25         http://www.dice.com/job/result/10125766/731674?src=19
## 26     http://www.dice.com/job/result/kforcecx/ITWQG1571391?src=19
## 27           http://www.dice.com/job/result/cxjudgpa/508078?src=19
##                                                       jobTitle
## 1                          Bioinformatics Programmer Analyst
## 2                                             Data Scientist
## 3                              Software Development Engineer
## 4                                    Senior Software Engineer
## 5                       Manager, R&D Science and Engineering
## 6                              Software Development Engineer
## 7                              Software Development Engineer
## 8                              Software Development Engineer
## 9      Senior Data Scientist - Twin Cities, MN or Boston, MA
## 10                             Software Development Engineer
## 11                                    Bioinformatics Engineer
## 12                                    Bioinformatics Engineer
## 13                                         Programmer Analyst
## 14                             SOFTWARE DEVELOPMENT ENGINEER
## 15                             Sr. Data Scientist-test mining
## 16                                             Data Scientist
## 17                                    Bioinformatics Scientist
## 18     Senior Data Scientist - Twin Cities, MN or Boston, MA
## 19 Bioinformatics Scientist - "Top 10 Pharma/Biotech Firm"
## 20                          Software Engineer - Bioinformatics
## 21                                          Software Engineer
## 22                                             Data Scientist
## 23                        Systems Analyst-Genome Technologies
## 24                            2017 Software Engineer - Intern
## 25                                          Principal scientist
## 26         Senior Technical Data Analyst, Data Analytics
## 27                                       Full Stack Developer
##                          company            location       date
## 1                     PT Systems      FOSTER CITY, CA 2016-10-19
## 2                          Oloop        Cleveland, OH 2016-10-19
## 3                         Amazon          Seattle, WA 2016-10-23
## 4       Bay Systems Consulting, Inc.    Mountain View, CA 2016-10-10
## 5      Sandia National Laboratories       Livermore, CA 2016-10-23
## 6                         Amazon          Seattle, WA 2016-10-23
## 7                         Amazon          Seattle, WA 2016-10-23
## 8                         Amazon          Seattle, WA 2016-10-23
## 9              UnitedHealth Group       Minnetonka, MN 2016-10-23
## 10                        Amazon          Seattle, WA 2016-10-23
## 11                 Maxonic, Inc.    San Francisco, CA 2016-10-21
```

```
## 12               Amerit Consulting South San Francisco, CA 2016-10-21
## 13                       PT Systems         Foster City, CA 2016-10-12
## 14                          Amazon             Seattle, WA 2016-10-23
## 15                 The Judge Group        Saint Louis, MO 2016-10-23
## 16                 The Judge Group        Saint Louis, MO 2016-10-23
## 17                          Atreca       Redwood City, CA 2016-10-07
## 18            UnitedHealth Group          Minnetonka, MN 2016-10-23
## 19                     CyberCoders   South Plainfield, NJ 2016-10-23
## 20                     CyberCoders          Burlingame, CA 2016-10-23
## 21         Robert Half Technology           San Diego, CA 2016-10-23
## 22         Robert Half Technology             Memphis, TN 2016-10-23
## 23         The Jackson Laboratory          Farmington, CT 2016-10-21
## 24               NORTHROP GRUMMAN              McLean, VA 2016-10-22
## 25         Ascentiant International         Pleasanton, CA 2016-10-11
## 26                     Kforce Inc.       Mountain View, CA 2016-10-22
## 27                 The Judge Group        Saint Louis, MO 2016-10-23

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## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 446
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Physics&city=&text=&ip=&dice
##
## $resultItemList
##                                                              detailUrl
## 1              http://www.dice.com/job/result/cxjudgpa/509451?src=19
## 2              http://www.dice.com/job/result/ngitbot/16014414?src=19
## 3              http://www.dice.com/job/result/ngitbot/16011216?src=19
## 4              http://www.dice.com/job/result/cxcnetut/16-03197?src=19
## 5              http://www.dice.com/job/result/ngitbot/16018203?src=19
## 6      http://www.dice.com/job/result/90940991/BBA000012775200?src=19
## 7      http://www.dice.com/job/result/booz/J3J1XP64N6R6GGM76DS?src=19
## 8              http://www.dice.com/job/result/amazon20/452935?src=19
## 9              http://www.dice.com/job/result/ngitbot/16012620?src=19
## 10             http://www.dice.com/job/result/ngitbot/16023281?src=19
## 11       http://www.dice.com/job/result/kforcecx/ITWQG1487365?src=19
## 12             http://www.dice.com/job/result/ngitbot/16022676?src=19
## 13             http://www.dice.com/job/result/ngitbot/16015029?src=19
## 14             http://www.dice.com/job/result/ngitbot/16015876?src=19
## 15               http://www.dice.com/job/result/infco001/2120?src=19
## 16               http://www.dice.com/job/result/10212908/GD099?src=19
## 17             http://www.dice.com/job/result/amazon20/406161?src=19
## 18             http://www.dice.com/job/result/ngitbot/16021052?src=19
```

```
## 19        http://www.dice.com/job/result/kforcecx/ITWQG1568511?src=19
## 20            http://www.dice.com/job/result/ngitbot/16015041?src=19
## 21            http://www.dice.com/job/result/amazonAWS/442794?src=19
## 22           http://www.dice.com/job/result/10115700c/505512?src=19
## 23            http://www.dice.com/job/result/ngitbot/16018583?src=19
## 24             http://www.dice.com/job/result/amazon20/422921?src=19
## 25         http://www.dice.com/job/result/10312220/olwQ3fwu?src=19
## 26             http://www.dice.com/job/result/amazon20/391250?src=19
## 27            http://www.dice.com/job/result/ngitbot/16013751?src=19
## 28               http://www.dice.com/job/result/10117623/2082?src=19
## 29        http://www.dice.com/job/result/kforcecx/ITWQG1487366?src=19
## 30              http://www.dice.com/job/result/srabot/2774644?src=19
## 31            http://www.dice.com/job/result/amazon20/442797?src=19
## 32               http://www.dice.com/job/result/10110945/4095?src=19
## 33              http://www.dice.com/job/result/infco001/2303?src=19
## 34  http://www.dice.com/job/result/rhalfint/00340-0008821506?src=19
## 35    http://www.dice.com/job/result/rippblok/1759_281_1460?src=19
## 36        http://www.dice.com/job/result/10365615/2016-19334?src=19
## 37            http://www.dice.com/job/result/ngitbot/16011902?src=19
## 38           http://www.dice.com/job/result/10174048/2016573?src=19
## 39             http://www.dice.com/job/result/uhgbot/676351?src=19
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## 41               http://www.dice.com/job/result/strny/371284?src=19
## 42           http://www.dice.com/job/result/90919809/3000002?src=19
## 43            http://www.dice.com/job/result/ngitbot/16013907?src=19
## 44             http://www.dice.com/job/result/RTL54619/655159?src=19
## 45            http://www.dice.com/job/result/ngitbot/16021081?src=19
## 46            http://www.dice.com/job/result/amazon20/450457?src=19
## 47           http://www.dice.com/job/result/10294672/JD_Quant?src=19
## 48   http://www.dice.com/job/result/90940991/BBA000013526434?src=19
## 49 http://www.dice.com/job/result/10106525/24176662000019212?src=19
## 50            http://www.dice.com/job/result/amazon20/450514?src=19
##                                                          jobTitle
## 1                                       Test Engineering Architect
## 2                            GSSC Senior Mechanical Engineer (T4)
## 3                                     Radiation Effects Engineer 4
## 4                                               Software Engineer
## 5                     Systems Modeling and Simulation Engineer 2
## 6                            Instructor Unix C++ C Senior Developer
## 7                                        Systems Engineer, Senior
## 8                              Display Material and Process Engineer
## 9        Spacecraft Controls Analyst 5 (Cambridge, Massachusetts)
## 10                          C2BMC Software Engineer Lead 4 (16-167)
## 11                       Principal Radar Signal Processing Engineers
## 12                                    Engineer Systems 3 - Analyst
## 13                          GSSC Junior Electrical Engineer T1
## 14                                    Mgr Optical Engineering 2
## 15                                        Infrastructure Engineer
## 16                          GD099 Scientific Software Programmer
## 17                      Cloud Support Engineer - Amazon Web Services
## 18                          Engineer Systems Modeling & Simulation 4
## 19                                    Signal Processing Engineer
## 20                          GSSC Mid-Level Electrical Engineer T3
## 21                                        Linux Support Engineer
```

```
## 22                                Systems Engineer, Software Requirements
## 23                                             Physicist (level 3/4)
## 24                                    Quality Assurance Team Lead
## 25                                  Technology Platform Architect
## 26                                       Cloud Support Engineer
## 27                              Engineer Optical 4 - Beam Control
## 28                                        Senior Data Scientist
## 29                          Senior DSP Software Engineers (Radar)
## 30                             Senior .NET Software Engineer
## 31                                     Linux Support Engineer
## 32                                    Senior Software Engineer
## 33                              Signal Analyst / Tuning Engineer
## 34                                       Systems Administrator
## 35                             Automation & Database Programmer
## 36                                          Engineer Systems 5
## 37                        Lightning Effects Protection Engineer 4
## 38 High Speed Analog Circuit Design Engineer - (Various levels)
## 39                              Lead Data Scientist - Boston, MA
## 40                             CNI Software Systems Engineer 1
## 41                                       Staff Systems Engineer
## 42                          Software/Hardware/Firmware Engineer
## 43           Engineer Systems 4 - Survivability Product Development
## 44             Microfabrication Process Engineer (Early/Mid-Career)
## 45                             Software Control Systems Engineer 1
## 46      Cloud Support Engineer (Windows) - Amazon Web Services
## 47                                     Quantitative Strategist
## 48                    ND - Innovative Systems Engineering Intern
## 49                             Senior Cyber SME/Lead/Architect
## 50                                Databases Support Engineer I
##                                                company           location
## 1                                        The Judge Group    New York, NY
## 2                                       NORTHROP GRUMMAN     Hill Afb, UT
## 3                                       NORTHROP GRUMMAN    Baltimore, MD
## 4                                         ConsultNet, LLC    Arlington, TX
## 5                                       NORTHROP GRUMMAN    Melbourne, FL
## 6                            Bebee Affinity Social Network    New York, NY
## 7                                    Booz Allen Hamilton    Lexington, MA
## 8                                                 Amazon    Sunnyvale, CA
## 9                                       NORTHROP GRUMMAN    Cambridge, MA
## 10                                      NORTHROP GRUMMAN  Colorado Springs, CO
## 11                                           Kforce Inc.       Phoenix, AZ
## 12                                      NORTHROP GRUMMAN  Rolling Meadows, IL
## 13                                      NORTHROP GRUMMAN     Hill Afb, UT
## 14                                      NORTHROP GRUMMAN    Linthicum, MD
## 15 Information Technology Engineering Corporation    Richardson, TX
## 16                                    Adnet Systems, Inc    Greenbelt, MD
## 17                                               Amazon      Herndon, VA
## 18                                      NORTHROP GRUMMAN    San Diego, CA
## 19                                          Kforce Inc.        Boston, MA
## 20                                      NORTHROP GRUMMAN     Hill Afb, UT
## 21                                               Amazon      Herndon, VA
## 22                                 Randstad Technologies     Westford, MA
## 23                                      NORTHROP GRUMMAN    Baltimore, MD
## 24                                               Amazon        Dallas, TX
```

```
## 25                     Palo Alto Networks           Santa Clara, CA
## 26                                Amazon                 Dallas, TX
## 27                     NORTHROP GRUMMAN          Redondo Beach, CA
## 28                              comScore              Portland, OR
## 29                          Kforce Inc.           Albuquerque, NM
## 30                                  CSRA               Linwood, NJ
## 31                                Amazon               Herndon, VA
## 32                                Noblis Annapolis Junction, MD
## 33 Information Technology Engineering Corporation          Aurora, CO
## 34                 Robert Half Technology            San Ramon, CA
## 35             National Indemnity Company                 Omaha, NE
## 36                              Engility            Chantilly, VA
## 37                     NORTHROP GRUMMAN             Melbourne, FL
## 38                              Infinera             Sunnyvale, CA
## 39                     UnitedHealth Group                Boston, MA
## 40                     NORTHROP GRUMMAN             Melbourne, FL
## 41                       Superior Group          East Aurora, NY
## 42                                HP Inc                 Boise, ID
## 43                     NORTHROP GRUMMAN          Redondo Beach, CA
## 44            Sandia National Laboratories        Albuquerque, NM
## 45                     NORTHROP GRUMMAN             Linthicum, MD
## 46                                Amazon               Herndon, VA
## 47                  Futures Group IT LLC.            New York, NY
## 48            Bebee Affinity Social Network                Tampa, FL
## 49                              Deloitte            Arlington, VA
## 50                                Amazon               Herndon, VA
##          date
## 1  2016-10-23
## 2  2016-10-22
## 3  2016-10-22
## 4  2016-10-23
## 5  2016-10-22
## 6  2016-10-23
## 7  2016-10-23
## 8  2016-10-19
## 9  2016-10-22
## 10 2016-10-22
## 11 2016-10-22
## 12 2016-10-22
## 13 2016-10-22
## 14 2016-10-22
## 15 2016-10-23
## 16 2016-10-23
## 17 2016-10-19
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## 22 2016-10-23
## 23 2016-10-22
## 24 2016-10-19
## 25 2016-10-23
## 26 2016-10-19
## 27 2016-10-22
```

```
## 28 2016-10-23
## 29 2016-10-22
## 30 2016-10-23
## 31 2016-10-19
## 32 2016-10-23
## 33 2016-10-23
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## 35 2016-10-23
## 36 2016-10-23
## 37 2016-10-22
## 38 2016-10-23
## 39 2016-10-23
## 40 2016-10-22
## 41 2016-10-23
## 42 2016-10-23
## 43 2016-10-22
## 44 2016-10-23
## 45 2016-10-22
## 46 2016-10-19
## 47 2016-10-17
## 48 2016-10-23
## 49 2016-10-23
## 50 2016-10-19

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 37
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## [1] 1
##
## $lastDocument
## [1] 37
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## $resultItemList
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## 1          http://www.dice.com/job/result/10114756a/741054?src=19
## 2      http://www.dice.com/job/result/cybercod/KB2-123913456?src=19
## 3   http://www.dice.com/job/result/eveva001/IDXL-SPM-082905?src=19
## 4           http://www.dice.com/job/result/10368224/16-00069?src=19
## 5            http://www.dice.com/job/result/10444937/738903?src=19
## 6           http://www.dice.com/job/result/10347349a/703795?src=19
## 7              http://www.dice.com/job/result/techrp/733576?src=19
## 8            http://www.dice.com/job/result/10109948/743979?src=19
## 9       http://www.dice.com/job/result/infotp/BBBH96995-854?src=19
## 10          http://www.dice.com/job/result/vivausa/KCWIMC6?src=19
## 11          http://www.dice.com/job/result/10123528/578090?src=19
## 12         http://www.dice.com/job/result/tentekgl/JS12449?src=19
## 13   http://www.dice.com/job/result/cybercod/RH6-131011766?src=19
## 14           http://www.dice.com/job/result/Edgeny/155710?src=19
```

```
## 15                    http://www.dice.com/job/result/pma/019312-?src=19
## 16      http://www.dice.com/job/result/infotp/BBBH96995-725?src=19
## 17   http://www.dice.com/job/result/cybercod/CR5-131092341?src=19
## 18   http://www.dice.com/job/result/cybercod/CR5-131453745?src=19
## 19       http://www.dice.com/job/result/mitchmar/AL_TMA_NJ?src=19
## 20          http://www.dice.com/job/result/10441030/716121?src=19
## 21   http://www.dice.com/job/result/cybercod/BP2-1273512115?src=19
## 22           http://www.dice.com/job/result/csema/bh6158?src=19
## 23        http://www.dice.com/job/result/itca001/16-07425?src=19
## 24          http://www.dice.com/job/result/techrp/408326?src=19
## 25    http://www.dice.com/job/result/infotp/BBBH97002-595?src=19
## 26          http://www.dice.com/job/result/infinia/741350?src=19
## 27          http://www.dice.com/job/result/10177485/743917?src=19
## 28           http://www.dice.com/job/result/10494547/W60?src=19
## 29   http://www.dice.com/job/result/cybercod/ET2-13246055?src=19
## 30          http://www.dice.com/job/result/10177485/747273?src=19
## 31   http://www.dice.com/job/result/cybercod/LV2-132010324?src=19
## 32         http://www.dice.com/job/result/atrilogy/7600988?src=19
## 33          http://www.dice.com/job/result/10213681/330509?src=19
## 34   http://www.dice.com/job/result/cybercod/LL2-119270085?src=19
## 35   http://www.dice.com/job/result/cybercod/CM4-1293916111?src=19
## 36          http://www.dice.com/job/result/10457717/705865?src=19
## 37          http://www.dice.com/job/result/infinia/741707?src=19
##                                                              jobTitle
## 1                       Paid Re-marketing Strategy, Marketing Manager
## 2         Customer Success Manager - Digital Advertising, Online Marketing
## 3                                              Senior Project Manager
## 4                                                Film and Video Editor
## 5         Sr Manager  Technical Account Manager/ Solutions Engineering
## 6                                       Project Manager - Ad Tech Industry
## 7                                       Contracts and Sourcing Specialist
## 8                                       Internal Communication Coordinator
## 9                                                    Senior Copywriter
## 10                                              Marketing Communication
## 11                            Marketing Communications Specialist (17782)
## 12                                                       Content Analyst
## 13          Advertising Operations Manager - Advertising Operations, Program
## 14              Advertising Sales Business Systems Analyst/Operations Analyst
## 15 Senior Software Engineer, C#, C++, Java, RTB, Marketing, AdTech, Advertising
## 16                                                    Senior Copywriter
## 17         Customer Success Manager - Digital Advertising, Online Marketing
## 18         Customer Success Manager - Digital Advertising, Online Marketing
## 19                                       Director - Advertising Production
## 20                                             .NET Developer with Ad Tech
## 21                       Jr - Mid Level - Mobile User Acquisition Manager
## 22                                              Sr Software Engineer
## 23                       Marketing Strategist (Social & Digital Marketing)
## 24                                                   Jr. Project Manager
## 25                                                     Account Director
## 26                                          Talent Acquisition Specialist
## 27                                                   Account Supervisor
## 28                                       Senior Graphic Designer/Digital
## 29         Digital Project Manager - Project Management, HTML, Drupal
## 30                                       Digital Production Coordinator
```

269

```
## 31                          Paid Search Specialist - SEM / Search Engine Marketing
## 32                                            Technical Project Manager
## 33                                   x2 Marketing Communication Specialists
## 34                              Senior Platform Engineer - Rails, Angular.js
## 35                              Senior Account Manager - Advertising Operations
## 36                                  Product Owner (Technology, Advertising)
## 37                                            Talent Acquisition Manager
##                              company            location       date
## 1                            Kelly IT        Seattle, WA 2016-10-18
## 2                         CyberCoders         Boston, MA 2016-10-23
## 3                        Idexcel Inc.        Seattle, WA 2016-10-21
## 4            Princeton IT Services, Inc     New York, NY 2016-10-19
## 5                              Xconic      San Mateo, CA 2016-10-17
## 6                     The Doyle Group         Denver, CO 2016-10-21
## 7                     Latitude36 Inc      Menlo Park, CA 2016-10-12
## 8                          INFOMATICS Farmington Hills, MI 2016-10-21
## 9                  Solomon Page Group       New York, NY 2016-10-23
## 10                       VIVA USA INC       Waukesha, WI 2016-10-21
## 11         Horizontal Integration, Inc     Saint Paul, MN 2016-10-05
## 12                       Tentek, Inc.    Culver City, CA 2016-10-13
## 13                        CyberCoders    Los Angeles, CA 2016-10-23
## 14         Edge Technology Services, Inc.    New York, NY 2016-10-18
## 15         P. Murphy & Associates, Inc     Boca Raton, FL 2016-10-21
## 16                 Solomon Page Group       New York, MA 2016-10-23
## 17                        CyberCoders      Cambridge, MA 2016-10-23
## 18                        CyberCoders         Boston, MA 2016-10-23
## 19              Mitchell Martin, Inc.    Jersey City, NJ 2016-10-10
## 20                         JBCConnect       New York, NY 2016-09-30
## 21                        CyberCoders    Los Angeles, CA 2016-10-23
## 22        Connexion Systems & Engineering    Cambridge, MA 2016-10-14
## 23                             Ascent  San Francisco, CA 2016-10-23
## 24                     Latitude36 Inc      San Mateo, CA 2016-10-20
## 25                 Solomon Page Group         Boston, MA 2016-10-23
## 26         Infinite Computing Systems, Inc.  Cedar Rapids, IA 2016-10-18
## 27                            PALADIN        Madison, WI 2016-10-19
## 28                    BayOne Solutions      San Bruno, CA 2016-10-20
## 29                        CyberCoders      Lexington, KY 2016-10-23
## 30                            PALADIN     Riverwoods, IL 2016-10-21
## 31                        CyberCoders     Burlington, VT 2016-10-23
## 32         Atrilogy Solutions Group, Inc.      Bellevue, WA 2016-10-21
## 33 Systematix Technology Consultants Inc     Framingham, MA 2016-10-05
## 34                        CyberCoders    Los Angeles, CA 2016-10-23
## 35                        CyberCoders       New York, NY 2016-10-23
## 36            WHO... a staffing company       Columbia, MD 2016-10-21
## 37         Infinite Computing Systems, Inc.   Cedar Rapids, IA 2016-10-18

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 104
##
```

```
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Education&city=&text=&ip=&di
##
## $resultItemList
##                                                          detailUrl
## 1   http://www.dice.com/job/result/softwinc/Softworld_2222-716?src=19
## 2               http://www.dice.com/job/result/10117979/161777?src=19
## 3         http://www.dice.com/job/result/cybercod/SE1-13254972?src=19
## 4               http://www.dice.com/job/result/10313788/248246?src=19
## 5   http://www.dice.com/job/result/softwinc/Softworld_2221-180?src=19
## 6               http://www.dice.com/job/result/10122753/93493?src=19
## 7              http://www.dice.com/job/result/10109419/1570314?src=19
## 8             http://www.dice.com/job/result/10118964/22986-12?src=19
## 9         http://www.dice.com/job/result/CVTY/27745004279101331?src=19
## 10          http://www.dice.com/job/result/10118964/23081-542?src=19
## 11      http://www.dice.com/job/result/RTL152550/1005312264116?src=19
## 12             http://www.dice.com/job/result/RTX1ba460/723898?src=19
## 13            http://www.dice.com/job/result/RTX16f1ff/4723361?src=19
## 14              http://www.dice.com/job/result/10504949/1030a?src=19
## 15            http://www.dice.com/job/result/10115646/1040463?src=19
## 16             http://www.dice.com/job/result/10122753/94592?src=19
## 17         http://www.dice.com/job/result/10114206/673-G11-C?src=19
## 18             http://www.dice.com/job/result/10113141/PHYSED?src=19
## 19              http://www.dice.com/job/result/10110787/49242?src=19
## 20           http://www.dice.com/job/result/10115646/1040104?src=19
## 21            http://www.dice.com/job/result/RTX1584e4/710450?src=19
## 22           http://www.dice.com/job/result/10115646/1040466?src=19
## 23             http://www.dice.com/job/result/10122753/94916?src=19
## 24           http://www.dice.com/job/result/RTX1ba824/197904?src=19
## 25          http://www.dice.com/job/result/10114776/BCB003QK?src=19
## 26            http://www.dice.com/job/result/10438862/745816?src=19
## 27        http://www.dice.com/job/result/RTL471029/GLO000GJ?src=19
## 28             http://www.dice.com/job/result/90922281/681246?src=19
## 29             http://www.dice.com/job/result/90833617/623104?src=19
## 30                  http://www.dice.com/job/result/sis/40898?src=19
## 31             http://www.dice.com/job/result/10110787/52176?src=19
## 32            http://www.dice.com/job/result/itca001/16-08390?src=19
## 33           http://www.dice.com/job/result/apn/PHHJP00003830?src=19
## 34            http://www.dice.com/job/result/10115646/1034319?src=19
## 35            http://www.dice.com/job/result/90833617/623853?src=19
## 36                  http://www.dice.com/job/result/sis/40855?src=19
## 37    http://www.dice.com/job/result/10116144/Davis_227400-918?src=19
## 38             http://www.dice.com/job/result/10122753/95089?src=19
## 39            http://www.dice.com/job/result/10121414/120388?src=19
## 40           http://www.dice.com/job/result/sunrise/16-13598?src=19
## 41              http://www.dice.com/job/result/CXOXBMA/734846?src=19
## 42            http://www.dice.com/job/result/10109419/1570315?src=19
## 43              http://www.dice.com/job/result/10110787/49233?src=19
```

```
## 44          http://www.dice.com/job/result/10116711/PUR010013?src=19
## 45          http://www.dice.com/job/result/RTX1a4d6b/4723744?src=19
## 46           http://www.dice.com/job/result/90666334/747056?src=19
## 47   http://www.dice.com/job/result/adrga001/FMW-ForceAdmin?src=19
## 48          http://www.dice.com/job/result/10409520/726258?src=19
## 49         http://www.dice.com/job/result/10228809/4712317?src=19
## 50   http://www.dice.com/job/result/10116144/Davis_227288-371?src=19
##                                                              jobTitle
## 1                            Enterprise Architect/ Software Developer
## 2                                                        DevOps Engineer
## 3               REMOTE Software Development Manager - LAMP, Agile, Education!
## 4                                                     IT Project Manager
## 5                                                    Sr Systems Engineer
## 6                                                        Data Architect
## 7                            Vertica Software Data Management Engineer
## 8                                                        Accountant Lead
## 9                                                        Senior Engineer
## 10                                                Capture Manager Director
## 11                                                  VP, Software Development
## 12                                                  Network Administrator
## 13                                                Programmer Analyst III
## 14                        Project Manager - Residency Management Application
## 15                        Senior Director, IT (Enterprise Data & Analytic Solutio
## 16                                Clarity Developer / PPM Developer ( REMOTE )
## 17                        Business Intelligence Developer - Tableau  673-G11-C
## 18                                                Physical Education Teacher
## 19                            Senior Business Consultant, Collaboration
## 20                                                Senior System Engineer (AV)
## 21                                IT Support Assistant IV, Cornell Tech (NYC)
## 22                                                        Manager, IT (ETL)
## 23                                                    .NET Programmer Analyst
## 24                                                AV-IT Services Team Leader
## 25                                                            IT Engineer I
## 26                                                        Business Analyst
## 27                                Associate Network Security Specialist
## 28                                                        Data Scientist
## 29                                Microsoft Applications Specialist (ITC 428)
## 30                                                    Software QA Manager
## 31                            Practice Director, MultiTower & Transformational
## 32                                        IT Technical Analyst / IT Support
## 33                                                CCNA Network Engineer III
## 34                                                Support Solutions Manager
## 35     Windows Sys Admin-Exchange/Good Mobile-SC & TSA EOD Req. (ITC-460)
## 36                                                        UAT Test Analyst
## 37                                        Signal Integrity Senior Engineer
## 38                                                        Operations Analyst
## 39                        Security Analyst III/SR/Advisor/SR Advisor Job Family -
## 40                                        Education Specialist - Blood Bank
## 41                                                    Senior Java Developer
## 42                            Vertica Software Data Management Engineer
## 43                            Business Consultant, Customer Experience
## 44                                Supply Chain Analyst - SQL Programmer
## 45                                                Information Technologist II
## 46                                PeopleSoft HCM Functional Consultant
```

272

```
## 47                                                            Salesforce Administrator
## 48 OBIEE Report Developer(SQL,BI,Cognos,Linux,WebLogic,Higher Education data experience)
## 49                                                                   system Engineer
## 50                                              Senior Embedded Software Engineer
##                                                                             company
## 1                                                     Softworld Inc
## 2                                                 Experian Limited
## 3                                                       CyberCoders
## 4                                              Federal Reserve Bank
## 5                                                     Softworld Inc
## 6                                                             Ciber
## 7                                Hewlett Packard Enterprise Company
## 8                                    Alion Science and Technology
## 9                                                             Aetna
## 10                                   Alion Science and Technology
## 11                                                     Ledgent Tech
## 12                                             Confidential Company
## 13                                                   CITY OF FRESNO
## 14                                              Euclid Technologies
## 15                                              Centene Corporation
## 16                                                            Ciber
## 17                                    Lighthouse Technology Services
## 18                                  Collaborative Staffing Solutions
## 19 British Telecommunications Public Limited Company
## 20                                              Centene Corporation
## 21                                                Cornell University
## 22                                              Centene Corporation
## 23                                                            Ciber
## 24                                          University of Rochester
## 25                                                             BCBSM
## 26                                              Navint Partners, LLC
## 27                                                       Prudential
## 28                                            Pull Skill Technologies
## 29                                    Louisiana Economic Development
## 30                          SIS-Systems Integration Solutions, Inc.
## 31 British Telecommunications Public Limited Company
## 32                                                            Ascent
## 33                                        APN Software Services, Inc
## 34                                              Centene Corporation
## 35                                    Louisiana Economic Development
## 36                          SIS-Systems Integration Solutions, Inc.
## 37                                              The Davis Companies
## 38                                                            Ciber
## 39                                                     Anthem, Inc.
## 40                                              Sunrise Systems, Inc.
## 41                                              Oxford International
## 42                                Hewlett Packard Enterprise Company
## 43 British Telecommunications Public Limited Company
## 44                                              MEDLINE INDUSTRIES
## 45 Michigan State University Office of the Registrar
## 46                                                 Maven Workforce
## 47                                              Sierra-Cedar, Inc.
## 48                                                        BrickLogix
## 49                                        Aleut Management Services
```

273

```
## 50                              The Davis Companies
##                          location       date
## 1              Warner Robins, GA 2016-10-23
## 2                   Franklin, TN 2016-10-23
## 3                   Lakewood, NJ 2016-10-23
## 4                  Cleveland, OH 2016-10-23
## 5                    Atlanta, GA 2016-10-23
## 6                Minneapolis, MN 2016-10-23
## 7                 Pittsburgh, PA 2016-10-23
## 8                    Fairfax, VA 2016-10-23
## 9                    Phoenix, AZ 2016-10-21
## 10                    McLean, VA 2016-10-23
## 11               Los Angeles, CA 2016-10-23
## 12                 Las Vegas, NV 2016-10-21
## 13                    Fresno, CA 2016-10-19
## 14                  New York, NY 2016-10-07
## 15                   Clayton, MO 2016-10-23
## 16                Pittsburgh, PA 2016-10-23
## 17                   Buffalo, NY 2016-10-21
## 18                 Hyde Park, MA 2016-10-20
## 19                    Dallas, TX 2016-10-23
## 20              Chesterfield, MO 2016-10-23
## 21             New York City, NY 2016-10-13
## 22                   Clayton, MO 2016-10-23
## 23                   Livonia, MI 2016-10-23
## 24                 Rochester, NY 2016-10-12
## 25                   Detroit, MI 2016-10-23
## 26                  New York, NY 2016-10-20
## 27                  Roseland, NJ 2016-10-23
## 28                  San Jose, CA 2016-10-21
## 29              Bossier City, LA 2016-09-26
## 30                Emeryville, CA 2016-10-23
## 31                    Dallas, TX 2016-10-23
## 32              Vernon Hills, IL 2016-10-23
## 33                   Bothell, WA 2016-10-22
## 34                   Bedford, MA 2016-10-23
## 35              Bossier City, LA 2016-09-23
## 36                Emeryville, CA 2016-10-23
## 37                 Cleveland, OH 2016-10-23
## 38               Minneapolis, MN 2016-10-23
## 39                   Atlanta, GA 2016-10-23
## 40                 Rochester, NY 2016-10-20
## 41                    Hamden, CT 2016-10-21
## 42                Pittsburgh, PA 2016-10-23
## 43                    Dallas, TX 2016-10-23
## 44                 Mundelein, IL 2016-10-23
## 45              East Lansing, MI 2016-10-17
## 46                    Athens, GA 2016-10-23
## 47               Minneapolis, MN 2016-10-19
## 48                Shrewsbury, MA 2016-10-22
## 49 Vandenberg Air Force Base, CA 2016-09-26
## 50                 Watertown, MA 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
```

```
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 689
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=SAS&city=&text=&ip=&diceid=&p
##
## $resultItemList
##                                                             detailUrl
## 1              http://www.dice.com/job/result/10116447/681595?src=19
## 2              http://www.dice.com/job/result/10383403/747067?src=19
## 3               http://www.dice.com/job/result/uhgbot/666405?src=19
## 4             http://www.dice.com/job/result/RTX151f11/564446?src=19
## 5             http://www.dice.com/job/result/cxprince/16-10910?src=19
## 6    http://www.dice.com/job/result/cxvolt/J3J3TB64GYK29DV4FDR?src=19
## 7              http://www.dice.com/job/result/10108134/229561?src=19
## 8             http://www.dice.com/job/result/RTX11f570/713599?src=19
## 9             http://www.dice.com/job/result/matrixga/116760?src=19
## 10    http://www.dice.com/job/result/10294672/TD_CCAR_modeler?src=19
## 11          http://www.dice.com/job/result/business/MB1006029?src=19
## 12               http://www.dice.com/job/result/90819068/617?src=19
## 13            http://www.dice.com/job/result/10115700c/514663?src=19
## 14           http://www.dice.com/job/result/appblok/2418_680432?src=19
## 15         http://www.dice.com/job/result/10115369/24469DAL-289?src=19
## 16          http://www.dice.com/job/result/veredus/1066198-524?src=19
## 17            http://www.dice.com/job/result/RTX15bf04/R1984?src=19
## 18       http://www.dice.com/job/result/10106409/5812286DrugDA?src=19
## 19            http://www.dice.com/job/result/10228528/147067?src=19
## 20              http://www.dice.com/job/result/coxga/1614059?src=19
## 21             http://www.dice.com/job/result/cxjudgpa/507415?src=19
## 22           http://www.dice.com/job/result/ngitbot/16016338?src=19
## 23               http://www.dice.com/job/result/10117623/2035?src=19
## 24             http://www.dice.com/job/result/10122789/27109?src=19
## 25            http://www.dice.com/job/result/10115700c/513571?src=19
## 26             http://www.dice.com/job/result/WISEMEN/732513?src=19
## 27            http://www.dice.com/job/result/10472091/731167?src=19
## 28            http://www.dice.com/job/result/10340532/715170?src=19
## 29             http://www.dice.com/job/result/cxjudgpa/505600?src=19
## 30            http://www.dice.com/job/result/10121294/T10965?src=19
## 31          http://www.dice.com/job/result/appblok/2418_686400?src=19
## 32               http://www.dice.com/job/result/uhgbot/669714?src=19
## 33          http://www.dice.com/job/result/10106050/1600004079?src=19
## 34 http://www.dice.com/job/result/cybercod/SE-stats1256117130?src=19
## 35            http://www.dice.com/job/result/aurne001/16-554465?src=19
```

```
## 36  http://www.dice.com/job/result/10106525/24091762000005582?src=19
## 37             http://www.dice.com/job/result/10312854/736389?src=19
## 38  http://www.dice.com/job/result/10106525/24076842000006082?src=19
## 39        http://www.dice.com/job/result/kforcecx/ITAQG1549668?src=19
## 40           http://www.dice.com/job/result/10416032/131962BR?src=19
## 41             http://www.dice.com/job/result/uhgbot/686129?src=19
## 42             http://www.dice.com/job/result/10117623/2376?src=19
## 43           http://www.dice.com/job/result/10204540/738686?src=19
## 44           http://www.dice.com/job/result/sgainc/16-03489?src=19
## 45           http://www.dice.com/job/result/80121270/715662?src=19
## 46         http://www.dice.com/job/result/10204393/18334BR?src=19
## 47           http://www.dice.com/job/result/comfl001/2668B?src=19
## 48    http://www.dice.com/job/result/10439854/1038-28-MH2352?src=19
## 49           http://www.dice.com/job/result/10452598/742125?src=19
## 50             http://www.dice.com/job/result/10110945/4691?src=19
##                                                              jobTitle
## 1                                         SAS  programmer (HARP) - Remote
## 2                                       SQL - Reports Automation - REMOTE
## 3                             Datastage Applications Developer - Rocky Hill, CT
## 4                                                     Senior Data Analyst
## 5                                                        Business Analyst
## 6                Hadoop Data Analyst (Spark R Machine Learning PERL MatLab SQL)
## 7                                                     Senior Data Analyst
## 8                             Software Development Project Manager (Mid)
## 9                                              Sr. Survey Developer/Analyst
## 10                                          Quant Modeler - CCAR (contract)
## 11               Mainframe Capacity Planner Consultant (SAS/MXG) - REMOTE
## 12       Data Analyst - This position is NOT open to interns or recent grads!!
## 13                                              Developer - ETL/Datastage II
## 14  Business Analyst - Optum RX - Client Analytics - Cypress, CA or Telecommute
## 15            SAS Reporting Analyst | Lewisville, TX | up to $85K Direct Hire
## 16                                                              Data Analyst
## 17                                          Senior Big Data Developer - Hadoop
## 18                                          Drug Safety Data Analyst 5812286
## 19                                       Test Data Management(Automation) Lead
## 20                                          Senior ETL Developer- Informatica
## 21                                              Health Data Analyst Senior
## 22                                              SAS Administrator/Architect
## 23                                          Quality Control, Technical Writer
## 24        Risk Analytics Consultant / Senior Risk Analytics Consultant Job
## 25                                                        Database Analyst
## 26                                                        sas visual analytics
## 27                                                     IT Business Analyst
## 28                                                              SAS Admin
## 29                                                     IBM BPM Developer
## 30                                       Senior ETL Engineer (Teradata)
## 31        Business Analyst/Product Owner - Financial Data Mgmt - Telecommute
## 32                                       Healthcare Data Analyst - Rosemont, IL
## 33                                              Autonomy/IDOL Specialist
## 34        Biostatistician - Leadership Position - SAS Program - Biotech
## 35                                                        Data Architect II
## 36                                       Data Management & Architecture Manager
## 37                                                              SAS Developer
## 38                     Information Delivery - Manager, Banking & Securities
```

```
## 39                                                                    Data Analytics Team Lead
## 40                                            Senior IT Support Analyst, SAS Administrator
## 41                                            Hadoop Developer / Analyst - Eden Prairie, MN
## 42                                                       Project Manager, Analytical Solutions
## 43                                                              SAS System Administrator
## 44                                                                          Systems Analyst
## 45                                                                            SAS Programmer
## 46                                            Senior Associate - Business Consulting
## 47                                                      Manager of Marketing Analytics
## 48                                                                            SAS Developer
## 49                Software Product Manager PERMANENT Position in Miami Lakes, FL (BK)
## 50                                                      Associate Data Analytics Engineer
##                                    company               location       date
## 1              Element Technologies Inc.         Piscataway, NJ 2016-10-06
## 2       Infotek Consulting Services Inc.        Mount Laurel, NJ 2016-10-21
## 3                       UnitedHealth Group         Rocky Hill, CT 2016-10-23
## 4                   McHenry County College      Crystal Lake, IL 2016-10-20
## 5                Princeton Information Ltd               Tampa, FL 2016-10-23
## 6                                    Volt          Davenport, CA 2016-10-23
## 7                    Overture Partners, LLC             Boston, MA 2016-10-21
## 8         American Institutes for Research     Washington, DC 2016-09-27
## 9                        Matrix Resources             Durham, NC 2016-10-23
## 10                   Futures Group IT LLC.          New York, NY 2016-10-21
## 11        Business Information Services       Bridgewater, NJ 2016-10-21
## 12                              PlacingIT             Orlando, FL 2016-10-20
## 13                  Randstad Technologies                        VA 2016-10-23
## 14                    UnitedHealth Group             Cypress, CA 2016-10-23
## 15                          Vaco - Dallas         Lewisville, TX 2016-10-23
## 16                               Veredus              McLean, VA 2016-10-23
## 17               American Family Insurance          Madison, WI 2016-10-23
## 18 CSI (Consultant Specialists Inc.) South San Francisco, CA 2016-10-21
## 19             Infostretch Corporation         Pleasanton, CA 2016-10-20
## 20                        Cox Automotive             Atlanta, GA 2016-10-22
## 21                      The Judge Group      San Francisco, CA 2016-10-23
## 22                       NORTHROP GRUMMAN         Washington, DC 2016-10-22
## 23                               comScore           Portland, OR 2016-10-23
## 24                    First Citizens Bank            Raleigh, NC 2016-10-23
## 25                  Randstad Technologies            Concord, CA 2016-10-23
## 26                  Wise Men Consultants            HOUSTON, TX 2016-10-17
## 27                 Icon Media Direct Inc.       Sherman Oaks, CA 2016-10-10
## 28                        InnoMethods Corp        Foster City, CA 2016-10-20
## 29                       The Judge Group             Windsor, CT 2016-10-23
## 30                       SBS Creatix, LLC         Saint Louis, MO 2016-10-17
## 31                    UnitedHealth Group          Minnetonka, MN 2016-10-23
## 32                    UnitedHealth Group           Rosemont, IL 2016-10-23
## 33                                    ICF            Fairfax, VA 2016-10-23
## 34                            CyberCoders       Saint Louis, MO 2016-10-23
## 35                          Aureus Group            Mission, KS 2016-10-23
## 36                              Deloitte      San Francisco, CA 2016-10-23
## 37                            Anveta Inc            Phoenix, AZ 2016-10-13
## 38                              Deloitte           New York, NY 2016-10-23
## 39                            Kforce Inc.            Boston, MA 2016-10-22
## 40                                TD Bank       Mount Laurel, NJ 2016-10-21
## 41                    UnitedHealth Group        Eden Prairie, MN 2016-10-23
```

277

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## 42                       comScore              Portland, OR 2016-10-23
## 43            United Software Group             New York, NY 2016-10-17
## 44   Software Guidance & Assistance   Elk Grove Village, IL 2016-10-23
## 45                  Broad Reach IT              Seattle, WA 2016-09-28
## 46                        Infosys              New York, NY 2016-10-23
## 47                  SherlockTalent                Miami, FL 2016-10-21
## 48            Thinkfind Corporation           Fort Worth, TX 2016-10-23
## 49        GreenLight Staffing Group          Miami Lakes, FL 2016-10-21
## 50                         Noblis         Falls Church, VA 2016-10-23

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##                                                             jobTitle
## 1                              Assured Boot Team - Software Engineer 4
## 2                                                      Java Developer
## 3                  Senior Data Scientist - Machine Learning, Python, C/C++
## 4                       Research Engineer - Python, Machine Learning,
## 5                                                  Full Stack Developer
## 6                                        Business Intelligence Engineer
## 7                                Production/Application Support Engineer
## 8                    Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 9                                             Cloud- Software Engineer
## 10                                            DevOps Operations Manager
## 11                                                     Systems Engineer
## 12                                              Engineer Aeronautical 2
## 13                                        Director of Talent Engineering
## 14                                        Vulnerability assessment testing
## 15                          Big Data Software Engineer / Data Architect III
## 16                                             Lead Systems Administrator
## 17          Digital Design Verification Lead - Ethernet -Start-up and More!
## 18                            DevOps Engineer (Full-Time) (PERM POSITION)
## 19      Software Development Engineer - Cambridge, MA - Alexa Machine Learning
## 20                                        Software Engineer in Test (C# or java)
## 21              Security Infrastructure Architect Juniper/PaloAlto/Fortinet
## 22                              Quality Assurance Engineer - Amazon Business
## 23                                        Data Scientist - JOIN A GROWING TEAM!
## 24                                                        Data Scientist
## 25                                                     Software Engineer
## 26                                             Network Security Engineer
## 27                          Senior Software Engineer, Numerical Simulations
## 28                                                SW Engineer (I&T) 2/3
```

279

```
## 29                                                    Software Engineer- Front End
## 30            Multiple Positions: Python, C# Reporting, API Dev, Ab Initio, VB.Net
## 31                                                    Software Developer 2 / 3
## 32                                                                Data Scientist
## 33                                                          Sr. Big Data Engineer
## 34                                                            Openstack Engineer
## 35                                                  Data Center Support Engineer
## 36                                                    Software Developer - Dev Ops
## 37            Linux Wizard (Kernel Tuning / 10G Offload Engines) for NYC Startup
## 38                                                      Fullstack Ruby Developer
## 39                        DevOps Cloud Support Engineer - Amazon Web Services
## 40                                                      Sr Java Engineer/Developer
## 41                                                      Site Reliability Engineer
## 42                                                            C++ Linux Developer
## 43                                                    6901-Sr. Software Engineer
## 44 Software Development Engineer - Cambridge, MA Machine Learning and Speech - Echo
## 45                                                              Sr. Data Engineer
## 46                                                        QA Engineer (Amazon Music)
## 47                                                              Dev Ops Engineer
## 48                                              Sr Software Engineer Data Analyst
## 49                                                            Big Data Engineer
## 50                        Release/DevOps/Configuration Management Professional
##                            company             location       date
## 1              NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 2  Bebee Affinity Social Network           Houston, TX 2016-10-23
## 3                     CyberCoders         Palo Alto, CA 2016-10-23
## 4                     CyberCoders         San Mateo, CA 2016-10-23
## 5          Techgene Solutions LLC           Houston, TX 2016-10-19
## 6                     CyberCoders      Redwood City, CA 2016-10-23
## 7                          ICONMA          O Fallon, MO 2016-10-13
## 8                     CyberCoders     San Francisco, CA 2016-10-23
## 9                         Experis        Richardson, TX 2016-10-23
## 10                         Amazon           Herndon, VA 2016-10-19
## 11        Robert Half Technology             Plano, TX 2016-10-23
## 12               NORTHROP GRUMMAN         San Diego, CA 2016-10-22
## 13                    CyberCoders       Los Angeles, CA 2016-10-23
## 14                 Net2Source Inc.     FORT LAUDERDALE, FL 2016-10-20
## 15                The Judge Group       West Boston, MA 2016-10-23
## 16                       Deloitte         Hermitage, TN 2016-10-23
## 17                    CyberCoders        Pittsburgh, PA 2016-10-23
## 18        Robert Half Technology        Des Moines, IA 2016-10-23
## 19                         Amazon         Cambridge, MA 2016-10-19
## 20                    CyberCoders        Greenville, SC 2016-10-23
## 21               Case Interactive          New York, NY 2016-10-20
## 22                         Amazon            Austin, TX 2016-10-19
## 23                    CyberCoders         Cambridge, MA 2016-10-23
## 24                Mitchell Martin   Long Island City, NY 2016-10-23
## 25         Randstad Technologies              Cary, NC 2016-10-23
## 26              kCura Corporation           Chicago, IL 2016-10-23
## 27                    Mice Groups         Campbell, CA 2016-10-21
## 28               NORTHROP GRUMMAN            Aurora, CO 2016-10-22
## 29             Cisco Systems Inc.          Milpitas, CA 2016-10-23
## 30                   UVS Infotech        Wilmington, DE 2016-09-29
## 31               NORTHROP GRUMMAN       Gaithersburg, MD 2016-10-22
```

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## 32                             Amazon        Cambridge, MA 2016-10-19
## 33                     Skalenow Inc.    San Francisco, CA 2016-10-21
## 34                   The Judge Group        Southlake, TX 2016-10-23
## 35                             Amazon          Herndon, VA 2016-10-19
## 36                               Volt        San Diego, CA 2016-10-23
## 37               Gambit Technologies         New York, NY 2016-10-23
## 38                            Elevano         New York, NY 2016-10-20
## 39                             Amazon           Dallas, TX 2016-10-19
## 40                   Valiantica, Inc      Menlo Park, CA 2016-10-19
## 41                      Genuent, LLC         New York, NY 2016-10-23
## 42          Harmer Consultants, Inc.          Chicago, IL 2016-10-06
## 43                  The Norland Group          Anaheim, CA 2016-10-23
## 44                             Amazon        Cambridge, MA 2016-10-23
## 45                Mumba Technologies        Los Gatos, CA 2016-10-07
## 46                             Amazon    San Francisco, CA 2016-10-19
## 47                     Meadows Group     Bloomington, MN 2016-10-19
## 48         TriCom Technical Services          Hopkins, MN 2016-10-20
## 49              Booz Allen Hamilton        Arlington, VA 2016-10-23
## 50                    DatamanUSA, LLC         Fairfax, VA 2016-10-17
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## 12           http://www.dice.com/job/result/RTL89093/4710971?src=19
## 13       http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
## 14           http://www.dice.com/job/result/10115700c/514071?src=19
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## 1                                                          SOA Interface Developer
## 2                                                                   Java Developer
## 3                                                             Senior Data Engineer
## 4                                             Associate Director-Design and Development
## 5                           Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 6                                                            Sr. Haadoop Consultant
## 7                                                                        Oracle DBA
## 8   Network Admin with AWS(Apache Hadoop OOZIE,Chef,AWS),Rate-Open Negotiable, 1 yr, Hillsboro,OR
## 9                                                          Java / Big Data Developer
## 10                                    Big Data Software Engineer / Data Architect III
## 11                                                        .Net BigData Scala Developer
## 12                                                            Senior Data Engineer
## 13                                                                   Data Scientist
## 14                                                                Software Engineer
## 15                                             Technology Graduate Programme, Dublin
## 16                                                                   Data Scientist
## 17                                                     Big Data Integration Engineer
## 18                                                               Solution Architect
```

```
## 19                                            Hadoop Architect or Lead with BI/ DW
## 20                                                ServiceNow Platform Architect
## 21                                                   AWS Platform Architect/ Lead
## 22          Big Data Solutions Architect (Hadoop / Mark logic) - Multiple Locations
## 23                                                            IT Security Analyst
## 24                            Data Engineer (Enterprise Integration): Minneapolis
## 25                                                              Big Data Engineer
## 26              Sr. Java/Solr Developer (Apache SOLR  - ** DIRECT CLIENT **)
## 27                                    IT Portfolio Architect - Multiple Locations
## 28                        Senior Platform Engineer - Hadoop, NoSQL, Spark/Scala
## 29            Hadoop Data Analyst (Spark R Machine Learning PERL MatLab SQL)
## 30                                            Senior/ Lead Big Data Developer
## 31                Staff Platform Bring-up and Validation/Diagnostics Engineer
## 32                                                          Hadoop Admin - GA/TX
## 33                                              IAM Engineer (.NET developer)
## 34                              Senior Manager, Integrated Digital Technology
## 35                                                      Software Debug Engineer
## 36                                    Sr. PeopleSoft Consultant (10+ Years)
## 37                                    IT Portfolio Architect - Multiple Locations
## 38              Data Engineer - Data Modeling, Data Warehousing, SQL/NoSQL
## 39                                                            Mobile QA Tester
## 40                        Data Scientist - Hadoop,hive,Scala,Machine Learning
## 41                                            Sr. Hadoop Developer (19199)
## 42                                                          Software Architect
## 43                                                       Applications Developer
## 44                                                          .Net/VB.Net Developer
## 45                                        Senior Big Data Developer - Hadoop
## 46                                        DevOps Engineer - Hadoop Ecosystem
## 47          Java/J2EE Fullstack Developer with exp. in Python -- Only local applicants
## 48                                                            senior data analyst
## 49                                                      Senior Data Scientist
## 50                                                              Big Data Engineer
##                                    company                        location
## 1                       Zieta Technologies LLC                 Norfolk, VA
## 2                Bebee Affinity Social Network                 Houston, TX
## 3                                        Agile                 Atlanta, GA
## 4    The University of North Carolina at Chapel Hill      Chapel Hill, NC
## 5                                   CyberCoders          San Francisco, CA
## 6                  Reliable Software Resources      plymouth meeting, PA
## 7                                       eclaro                 atlanta, GA
## 8                                     Centizen               Hillsboro, OR
## 9                          Xoriant Corporation               Bristol, CT
## 10                             The Judge Group           West Boston, MA
## 11                                         Zen3                Redmond, WA
## 12          AAA Northern California, Nevada & Utah         Emeryville, CA
## 13                             Mitchell Martin       Long Island City, NY
## 14                       Randstad Technologies                   Cary, NC
## 15                           UnitedHealth Group                     Europe
## 16                             Mitchell Martin               Bethesda, MD
## 17                                    MSYS Inc.          San Francisco, CA
## 18                  Chenoa Information Services            Jersey City, NJ
## 19                     Zensar Technologies Inc.               San Jose, CA
## 20                                     AxiusTek                     NYC, NY
## 21                          K-Tek Resourcing LLC              Beaverton, OR
```

283

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## 22                             UnitedHealth Group           Eden Prairie, MN
## 23                              Starr Companies                 Atlanta, GA
## 24                         Randstad Technologies            Minneapolis, MN
## 25                            Booz Allen Hamilton             Arlington, VA
## 26                            XCEL Solutions Corp.        Lawrenceville, NJ
## 27                             UnitedHealth Group            Minneapolis, MN
## 28                                  CyberCoders               Menlo Park, CA
## 29                                        Volt                Davenport, CA
## 30                                  Sohum Inc.                    Dallas, TX
## 31                              Nimble Storage                San Jose, CA
## 32                          Charter Global, Inc.                Atlanta, GA
## 33                              Covanex, Inc.             Washington, DC
## 34                                       Ascent        Woodcliff Lake, NJ
## 35                        Macropace Technologies                Hillsboro, OR
## 36                   Key Business Solutions, Inc.            Sacramento, CA
## 37                             UnitedHealth Group          Basking Ridge, NJ
## 38                                  CyberCoders            Lake Forest, IL
## 39                       Adaptive Solutions Group                 Frisco, TX
## 40                          Enterprise Solutions            Sunnyvale, CA
## 41                                     Comrise                Newark, NJ
## 42                                Alldata LLC             Elk Grove, CA
## 43                              The Judge Group           New York, NY
## 44                 Software Guidance & Assistance         Wilmington, DE
## 45                      American Family Insurance               Madison, WI
## 46                          Futures Group IT LLC.           New York, NY
## 47                                     Droisys              Sunnyvale, CA
## 48                              A2C Consulting             englewood, CO
## 49                             Cox Enterprises South San Francisco, CA
## 50                                JMD Partners            New York, NY
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## 8  2016-10-21
## 9  2016-10-21
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## 23 2016-09-27
## 24 2016-10-23
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## 37 2016-10-23
## 38 2016-10-23
## 39 2016-10-14
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## 41 2016-10-21
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## 49 2016-10-22
## 50 2016-10-14

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## 4             http://www.dice.com/job/result/10115700c/514062?src=19
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## 7              http://www.dice.com/job/result/10444819/TO537?src=19
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## 9      http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 10             http://www.dice.com/job/result/ngitbot/16019728?src=19
## 11              http://www.dice.com/job/result/90579045/746160?src=19
## 12                 http://www.dice.com/job/result/tgsnj/122149?src=19
## 13            http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 14           http://www.dice.com/job/result/10115700c/511704?src=19
## 15    http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 16     http://www.dice.com/job/result/appblok/2537_oDDO3fwR?src=19
## 17            http://www.dice.com/job/result/RTX197508/635374?src=19
## 18                http://www.dice.com/job/result/cxconmn/75544?src=19
## 19    http://www.dice.com/job/result/cybercod/BW4-13240327?src=19
## 20             http://www.dice.com/job/result/ngitbot/16010288?src=19
## 21             http://www.dice.com/job/result/solpart/AK-ASRD?src=19
## 22               http://www.dice.com/job/result/apexsan/701488?src=19
## 23           http://www.dice.com/job/result/RTL484689/1600552?src=19
## 24              http://www.dice.com/job/result/10105838/13574?src=19
## 25    http://www.dice.com/job/result/cybercod/DA3-131800525?src=19
## 26             http://www.dice.com/job/result/10472966/743083?src=19
## 27             http://www.dice.com/job/result/10299717/726574?src=19
## 28       http://www.dice.com/job/result/10124418/FDSDB52516?src=19
## 29              http://www.dice.com/job/result/cxcrstff/49784?src=19
## 30             http://www.dice.com/job/result/iconma/ENG23473?src=19
## 31    http://www.dice.com/job/result/rhalfint/04130-9500205346?src=19
## 32               http://www.dice.com/job/result/infnj003/RV_03?src=19
## 33             http://www.dice.com/job/result/10516063/632028?src=19
## 34             http://www.dice.com/job/result/90907162/741410?src=19
## 35           http://www.dice.com/job/result/10267000/95978206?src=19
## 36           http://www.dice.com/job/result/RTX17fa40/4637374?src=19
## 37         http://www.dice.com/job/result/veredus/1066165-743?src=19
## 38    http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 39             http://www.dice.com/job/result/amazon20/387373?src=19
## 40             http://www.dice.com/job/result/cxjudgpa/507793?src=19
## 41             http://www.dice.com/job/result/matrixga/113029?src=19
## 42             http://www.dice.com/job/result/10412228/675018?src=19
## 43           http://www.dice.com/job/result/10452799/51214-GA?src=19
## 44    http://www.dice.com/job/result/kforcecx/ITEQG1572362?src=19
## 45    http://www.dice.com/job/result/rhalfint/04310-9500196638?src=19
## 46             http://www.dice.com/job/result/10506616/743224?src=19
## 47                http://www.dice.com/job/result/trasys/741738?src=19
## 48             http://www.dice.com/job/result/amazon20/452728?src=19
## 49    http://www.dice.com/job/result/10286823/Oracle025038?src=19
## 50             http://www.dice.com/job/result/ngitbot/16018044?src=19
## 
##                                                          jobTitle
## 1                                                          SQL DBA
## 2                                          Business/Systems Analyst
## 3                     Application Development System Administrator
## 4                                              Full Stack Developer
## 5                                                       Oracle DBA
## 6                                              IT Business Analyst
## 7            Software Development Engineer - Visual Studio/C#
## 8                                              Big Data Consultant
## 9            Data Modeler III - Business Intelligence Architect
## 10                              Industrial Security Analyst 3
## 11       Oracle Identity and Access Management(5+years Only)..
```

```
## 12                                            IT Software Developer IV
## 13                                                    Security Analyst
## 14                                        Senior Application Developer
## 15                                     Solutions Architect - E-commerce
## 16                                                    Reporting Analyst
## 17                                            Business Systems Analyst
## 18                                                  Sr. Project Manager
## 19                              .NET Software Developer - Asp.Net, C# and SQL
## 20      Windows/Unix Systems Administrator 3 (Clearable to Secret)
## 21                                            SSRS Reports Developer Mid
## 22                                                          Data Analyst
## 23                                                Computer Engineer Job
## 24                                                       Java Developer
## 25                                        Business Intelligence Engineer
## 26                              Business Objects Architect / Lead role
## 27                                            Oracle Database Developer
## 28                                                    Jr. SQL Server DBA
## 29                                            SQL Developer- eDiscovery
## 30                              Production/Application Support Engineer
## 31                                                    Software Engineer
## 32                                                    TeraData Developer
## 33                                        SQL BI/ETL Developer - Canton, OH
## 34                              Oracle PL/SQL Developer----only local to CO
## 35                                            Senior Developer/Architect
## 36                                                    Support Engineer 3
## 37                                                Java PL/SQL Developer
## 38      Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 39                                            DevOps Operations Manager
## 40                                                    SSIS ETL Developer
## 41                                        BUSINESS SYSTEMS CONSULTANT
## 42                                                IT Operations manager
## 43                                            Oracle DBA (Local Only)
## 44                                        Campaign Database Business Analyst
## 45                                            Application Support Analyst
## 46                                                Sr. Java Web Developer
## 47                                                    help desk analyst
## 48                                            Technical Program Manager
## 49                              Database Technical Manager (Oracle 11g / 12c)
## 50                                                Engineer Aeronautical 2
##                                       company            location         date
## 1              TekStream Solutions, LLC       Calverton, MD 2016-10-13
## 2                                    Volt      Jersey City, NJ 2016-10-23
## 3                              Acumen, LLC       Burlingame, CA 2016-10-18
## 4                    Randstad Technologies             Austin, TX 2016-10-23
## 5                      Oracle Corporation        Deerfield, IL 2016-10-10
## 6              CorSource Technology Group          VANCOUVER, WA 2016-10-21
## 7                              Davinci Tek      Murray Hill, NJ 2016-10-11
## 8                  Automation Image Inc.             Irving, TX 2016-10-20
## 9                              Fannie Mae      Washington, DC 2016-10-23
## 10                        NORTHROP GRUMMAN      El Segundo, CA 2016-10-22
## 11            Metafore Consulting Services            Groton, MA 2016-10-21
## 12            Tekmark Global Solutions LLC     New Albany, OH 2016-10-18
## 13                            Tentek, Inc.           Seattle, WA 2016-09-30
## 14                    Randstad Technologies                   OH 2016-10-23
```

```
## 15                            TeamSoft            Madison, WI 2016-10-21
## 16                Marine Credit Union         La Crosse, WI 2016-10-23
## 17                        BillingTree            Phoenix, AZ 2016-10-19
## 18                          Consultis  Fort Lauderdale, FL 2016-10-23
## 19                        CyberCoders           San Jose, CA 2016-10-23
## 20                   NORTHROP GRUMMAN          San Diego, CA 2016-10-22
## 21             Solution Partners, Inc.          Glenview, IL 2016-10-20
## 22                  Apex Systems, Inc           Richmond, VA 2016-10-04
## 23                              Itron         West Union, SC 2016-10-23
## 24            Rita Technology Services    St. Petersburg, FL 2016-10-21
## 25                        CyberCoders       Redwood City, CA 2016-10-23
## 26              Conquest IT Consulting        Providence, RI 2016-10-20
## 27   OPTiMO Information Technology LLC          Manassas, VA 2016-10-06
## 28 Systems Technology Group Inc. (STG)          Dearborn, MI 2016-10-16
## 29                              s.com          Stamford, CT 2016-10-21
## 30                             ICONMA          O Fallon, MO 2016-10-13
## 31             Robert Half Technology           Houston, TX 2016-10-23
## 32             Infinity Tech Group Inc          San Jose, CA 2016-10-12
## 33   TapRoot Recruiting Solutions, Inc.           Canton, OH 2016-10-23
## 34               Cignus Solutions LLC            Denver, CO 2016-10-20
## 35                    Citizant, Inc.        Washington, DC 2016-10-23
## 36                        UnifyCloud           Redmond, WA 2016-10-22
## 37                           Veredus          Evanston, IL 2016-10-23
## 38                        CyberCoders     San Francisco, CA 2016-10-23
## 39                            Amazon           Herndon, VA 2016-10-19
## 40                   The Judge Group Saint Petersburg, FL 2016-10-23
## 41                   Matrix Resources         Charlotte, NC 2016-10-23
## 42                          Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 43   Paramount Software Solutions, Inc           Atlanta, GA 2016-10-12
## 44                       Kforce Inc.           Detroit, MI 2016-10-22
## 45             Robert Half Technology        Chesapeake, VA 2016-10-23
## 46                        Atika Tech         Milwaukee, WI 2016-10-19
## 47            Cohesion Consulting LLC         baltimore, MD 2016-10-18
## 48                            Amazon             Tempe, AZ 2016-10-19
## 49            Chatham Staffing, Inc.           Atlanta, GA 2016-10-23
## 50                   NORTHROP GRUMMAN          San Diego, CA 2016-10-22
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 752
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Coding&city=&text=&ip=&diceid
##
```

```
## $resultItemList
##                                                          detailUrl
## 1           http://www.dice.com/job/result/ngitbot/16012143?src=19
## 2            http://www.dice.com/job/result/iconma/ENG23473?src=19
## 3   http://www.dice.com/job/result/rhalfint/01500-0008894846?src=19
## 4      http://www.dice.com/job/result/cybercod/DH1-13237399?src=19
## 5    http://www.dice.com/job/result/ciscobot/R1017324-en_US?src=19
## 6           http://www.dice.com/job/result/ngitbot/16012447?src=19
## 7      http://www.dice.com/job/result/10208346M/5919_SQL_AZ?src=19
## 8           http://www.dice.com/job/result/10116288/PP_SDET?src=19
## 9             http://www.dice.com/job/result/hirtblok/34562?src=19
## 10   http://www.dice.com/job/result/10282686/FLEX_384_PS03?src=19
## 11          http://www.dice.com/job/result/500519669/018722?src=19
## 12           http://www.dice.com/job/result/10117361/732741?src=19
## 13          http://www.dice.com/job/result/10210023D/714049?src=19
## 14 http://www.dice.com/job/result/10208346O/3554_AndroidDev?src=19
## 15          http://www.dice.com/job/result/90790689/536484?src=19
## 16          http://www.dice.com/job/result/RTL68226/10383BW?src=19
## 17          http://www.dice.com/job/result/10427712/741025?src=19
## 18          http://www.dice.com/job/result/RTX15d1a3/684438?src=19
## 19           http://www.dice.com/job/result/amazon20/425329?src=19
## 20        http://www.dice.com/job/result/accperny/117900067?src=19
## 21          http://www.dice.com/job/result/10376049/742057?src=19
## 22 http://www.dice.com/job/result/rhalfint/03230-9500202749?src=19
## 23              http://www.dice.com/job/result/10166629/8928?src=19
## 24          http://www.dice.com/job/result/10521201/SWEngMN?src=19
## 25          http://www.dice.com/job/result/90884791/740184?src=19
## 26 http://www.dice.com/job/result/rhalfint/03200-0008867719?src=19
## 27          http://www.dice.com/job/result/ngitbot/16016455?src=19
## 28          http://www.dice.com/job/result/10125813/937418?src=19
## 29          http://www.dice.com/job/result/10211487/733746?src=19
## 30          http://www.dice.com/job/result/10273066/168635?src=19
## 31  http://www.dice.com/job/result/90940991/BBA000012798876?src=19
## 32          http://www.dice.com/job/result/10415646/728125?src=19
## 33    http://www.dice.com/job/result/10226217/101208-en_US?src=19
## 34     http://www.dice.com/job/result/10106050/1600004057?src=19
## 35            http://www.dice.com/job/result/10226510/1720?src=19
## 36        http://www.dice.com/job/result/gentx001/16-07453?src=19
## 37   http://www.dice.com/job/result/10371697M/SECASMFI-928?src=19
## 38          http://www.dice.com/job/result/10504871/261274?src=19
## 39           http://www.dice.com/job/result/10121591/43433?src=19
## 40             http://www.dice.com/job/result/systel/726698?src=19
## 41         http://www.dice.com/job/result/10143991/4734523?src=19
## 42         http://www.dice.com/job/result/amazonAWS/421021?src=19
## 43         http://www.dice.com/job/result/RTX192a28/662810?src=19
## 44          http://www.dice.com/job/result/90907162/709563?src=19
## 45          http://www.dice.com/job/result/10527154/746617?src=19
## 46          http://www.dice.com/job/result/ngitbot/16015903?src=19
## 47          http://www.dice.com/job/result/ngitbot/16022506?src=19
## 48           http://www.dice.com/job/result/10441189/25178?src=19
## 49            http://www.dice.com/job/result/eastend/DTL104?src=19
## 50        http://www.dice.com/job/result/appblok/1537_107291?src=19
##                                                          jobTitle
## 1                            Assured Boot Team - Software Engineer 4
```

```
## 2                              Production/Application Support Engineer
## 3                                DevOps Engineer (Full-Time) (PERM POSITION)
## 4                                Software Engineer in Test (C# or java)
## 5                                    Software Engineer- Front End
## 6                                       Software Developer 2 / 3
## 7                                          SQL Programmer Analyst
## 8                                       Sr. Quality Engineer (SDET)
## 9                                          Senior DEVOPS Engineer
## 10                                          Salesforce Developer
## 11              HVS-Specialist SW Development Engineer-Hitachi Insight Group
## 12                                                  Data Architect
## 13                                    Software Development Manager
## 14                             Mobile Application Developer - Android
## 15                                                      Deputy CIO
## 16                          Principal Application Security Consultant
## 17                                16-00743 - SFDC Developer with Integration
## 18              Full Stack Java Developer with AWS & Big Data experience
## 19                                    Software Development Manager
## 20                                        Software Engineer C# .Net
## 21                 J2EE Lead with Strong Technical and PM skills- CA
## 22                                              SR PHP Developer
## 23                             Operations Manager, SketchUp Team
## 24                                          Software Engineer
## 25 Sr. Performance Architect with Core Java Coding skills   ...   NO H-1
## 26                                              Web Developer
## 27                                        Engineer Software 3
## 28                              Sr. Network Engineer/Architect
## 29                         Senior QE Engineer with Java Coding
## 30            Early Career IT Software Engineer, Applications Development
## 31                                            LTE FW Developer
## 32                          Senior Software Development Engineer
## 33          SR LEAD INFORMATION SECURITY ENGINEER-APPLICATION SECURITY
## 34                                            ETL/Data Scientist
## 35                          Software Development Engineer in Test
## 36                                        Sr. Software Developer
## 37          SFDC Platform Architect - Global Security Vendor - Up to$220K
## 38                          Entry Level Data Analyst/ Fresh Graduate
## 39                                              "Visual Coded UI "
## 40                    IAM Consultant (Identity & Access Management)
## 41                          Software Build and Release Engineer
## 42                                    Software Development Manager
## 43                                          Engineering Intern
## 44                                          Cloud engineer/Lead
## 45      Server Side Java Developer in St. Petersburg, FL( Immediate hire)
## 46                                        Engineer Software 2/3
## 47                                    Software Engineer III-13910
## 48                                              Developer II
## 49                       C# Lead Developer - Investment Banking
## 50            Infrastructure Engineer: Technical Lead Virtualization
##                       company           location        date
## 1          NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 2                    ICONMA          O Fallon, MO 2016-10-13
## 3      Robert Half Technology       Des Moines, IA 2016-10-23
## 4              CyberCoders        Greenville, SC 2016-10-23
```

290

```
## 5              Cisco Systems Inc.        Milpitas, CA 2016-10-23
## 6              NORTHROP GRUMMAN      Gaithersburg, MD 2016-10-22
## 7                     Collabera          Phoenix, AZ 2016-10-03
## 8                 Prokarma, Inc.         Phoenix, AZ 2016-10-23
## 9                     Clearleap          Atlanta, GA 2016-10-07
## 10                   Flexton Inc    San Francisco, CA 2016-10-21
## 11           Hitachi Data Systems      Santa Clara, CA 2016-10-23
## 12           Confidential Company        Villanova, PA 2016-10-11
## 13           Crescent Solutions Inc        New York, NY 2016-09-27
## 14                    Collabera          Chicago, IL 2016-10-10
## 15                GreenSky Credit        Atlanta, GA 2016-10-23
## 16          Stanley Reid & Company        Bellevue, WA 2016-10-22
## 17           Dolphin Solutions Inc        O Fallon, MO 2016-10-20
## 18                TPR Consulting          Seattle, WA 2016-10-05
## 19                       Amazon          Seattle, WA 2016-10-19
## 20               Access Staffing         New York, NY 2016-10-21
## 21      Sun Power Consulting (SPC)         Irvine, CA 2016-10-18
## 22           Robert Half Technology         Concord, NC 2016-10-23
## 23       Trimble Navigation Limited        Boulder, CO 2016-10-23
## 24                 LocalVox Media     Bloomington, MN 2016-10-21
## 25                  HCM TEK Inc.        Iowa City, IA 2016-10-20
## 26           Robert Half Technology       Charlotte, NC 2016-10-23
## 27              NORTHROP GRUMMAN     East Hartford, CT 2016-10-22
## 28 Progressive Technology Solutions      Sunnyvale, CA 2016-10-21
## 29        Nextgen Technologies Inc.       Sunnyvale, CA 2016-10-21
## 30           Teradata Corporation          Dayton, OH 2016-10-23
## 31     Bebee Affinity Social Network       San Diego, CA 2016-10-23
## 32                       Elekta      Saint Louis, MO 2016-10-07
## 33                   CenturyLink          Denver, CO 2016-10-23
## 34                          ICF          Fairfax, VA 2016-10-23
## 35            Dimensional Thinking        Atlanta, GA 2016-10-04
## 36                     Genesis10        Johnston, IA 2016-10-23
## 37        Mason Frank International      Santa Clara, CA 2016-10-23
## 38                    ConsultAdd           Dallas, TX 2016-10-20
## 39              Logic Soft, Inc.        Columbus, OH 2016-10-23
## 40                   Systel,Inc.         Atlanta, GA 2016-10-06
## 41                   Transfirst       Broomfield, CO 2016-10-12
## 42                       Amazon          Seattle, WA 2016-10-23
## 43              Stratus Solutions        chantilly, VA 2016-09-23
## 44            Cignus Solutions LLC          Dallas, TX 2016-10-07
## 45                  Calibro Corp   St. Petersburg, FL 2016-10-21
## 46              NORTHROP GRUMMAN         Palmdale, CA 2016-10-22
## 47              NORTHROP GRUMMAN     Schriever Afb, CO 2016-10-22
## 48           Fidelis Care New York        Rochester, NY 2016-10-23
## 49              East End Resources        New York, NY 2016-10-21
## 50                      Vanguard        Charlotte, NC 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 5913
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## 
## $firstDocument
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## $lastDocument
## [1] 50
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## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Unstructured+data&city=&text=
## 
## $resultItemList
##                                                              detailUrl
## 1   http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2                     http://www.dice.com/job/result/90941044/2401?src=19
## 3               http://www.dice.com/job/result/10115700c/514062?src=19
## 4                http://www.dice.com/job/result/ccetx001/744146?src=19
## 5     http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6               http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 7       http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 8        http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 9      http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 10              http://www.dice.com/job/result/10360631/736240?src=19
## 11              http://www.dice.com/job/result/10175336/747098?src=19
## 12                http://www.dice.com/job/result/cybersea/5599?src=19
## 13              http://www.dice.com/job/result/10516063/632028?src=19
## 14            http://www.dice.com/job/result/RTX1ba594/4727297?src=19
## 15        http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 16             http://www.dice.com/job/result/aces/00020175051?src=19
## 17              http://www.dice.com/job/result/matrixga/113029?src=19
## 18              http://www.dice.com/job/result/10412228/675018?src=19
## 19       http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
## 20              http://www.dice.com/job/result/amazon20/383051?src=19
## 21                   http://www.dice.com/job/result/ndi/564851?src=19
## 22              http://www.dice.com/job/result/10334594/815961?src=19
## 23              http://www.dice.com/job/result/matrixga/117153?src=19
## 24    http://www.dice.com/job/result/90739239/Prashant_DataC?src=19
## 25    http://www.dice.com/job/result/90769273/Tgdatascientist?src=19
## 26              http://www.dice.com/job/result/ngitbot/16018044?src=19
## 27        http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 28         http://www.dice.com/job/result/10111370/MSSXDBINY?src=19
## 29    http://www.dice.com/job/result/cybercod/RN2-131934622?src=19
## 30     http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
## 31              http://www.dice.com/job/result/10422157/735765?src=19
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## 33                 http://www.dice.com/job/result/cxcsc/2188700?src=19
## 34              http://www.dice.com/job/result/10457740/483409?src=19
## 35               http://www.dice.com/job/result/10441189/25458?src=19
## 36         http://www.dice.com/job/result/90881180/IZJPC0002?src=19
## 37               http://www.dice.com/job/result/apexsan/731257?src=19
## 38              http://www.dice.com/job/result/10287522/580167?src=19
## 39               http://www.dice.com/job/result/paracomp/MDMml?src=19
## 40        http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
## 41  http://www.dice.com/job/result/10466845/02710-0008857239?src=19
## 42     http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
```

```
## 43           http://www.dice.com/job/result/cxjudgpa/508966?src=19
## 44           http://www.dice.com/job/result/gatpa001/131419?src=19
## 45           http://www.dice.com/job/result/10121374/PB-SrQA?src=19
## 46           http://www.dice.com/job/result/10110894/SEV170?src=19
## 47           http://www.dice.com/job/result/msyca001/740342?src=19
## 48           http://www.dice.com/job/result/90969990/738031?src=19
## 49           http://www.dice.com/job/result/10323494/687149?src=19
## 50            http://www.dice.com/job/result/atitx/737313?src=19
##                                                            jobTitle
## 1                                          Business/Systems Analyst
## 2                                                 Wireless Engineer
## 3                                              Full Stack Developer
## 4                                                Big Data Consultant
## 5             Data Modeler III - Business Intelligence Architect
## 6                                                   Security Analyst
## 7                                    Solutions Architect - E-commerce
## 8                        Research Engineer - Python, Machine Learning,
## 9                                               Senior Data Engineer
## 10             Fullstack developer with big data Technologies
## 11               Business Analyst--Healthcare--Long Beach CA
## 12                                                    WCS Architect
## 13                          SQL BI/ETL Developer - Canton, OH
## 14                                               Senior Data Analyst
## 15      Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 16                              Enterprise Architect - Manager
## 17                              BUSINESS SYSTEMS CONSULTANT
## 18                                             IT Operations manager
## 19 Software Engineer - Programming, Blockchain Technology, bitcoin
## 20                                        Security Systems Engineer
## 21                                                        Oracle DBA
## 22                             Clinical Annotator- data mining
## 23                          Associate Technician-Baseline (Net)
## 24                                     Data Cap/FileNet Developer
## 25                                                    Data scientist
## 26                                          Engineer Aeronautical 2
## 27                                       Java / Big Data Developer
## 28          Developer Business Intelligence(**DIRECT CLIENT**)
## 29          Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 30    Test Data Engineer - Relaxed environment and awesome culture!
## 31                                       Regional Account Executive
## 32                                              Business Analyst I
## 33                                                    .NET Developer
## 34             Senior Project Manager - Data Center Migrations
## 35                                            Developer III - ETL
## 36                              .Net BigData Scala Developer
## 37                                                    Data Modeler
## 38                                              Solutions Architect
## 39 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 40                          Data Scientist - JOIN A GROWING TEAM!
## 41                                              Category Manager
## 42                                                  Data Scientist
## 43                                        Manager, Data Engineering
## 44                        Netezza Data Warehouse Senior DBA
## 45                                              Senior QA Engineer
```

```
## 46                                        Oracle PL/SQL Developer
## 47                                    Big Data Integration Engineer
## 48                       Energy Systems Administrator - Sioux Falls, SD
## 49                                        Big Data / ETL/DB Developer
## 50                                    Director Infrastructure Engineering
##                                    company              location       date
## 1                                     Volt        Jersey City, NJ 2016-10-23
## 2                          Wizard Staff, Inc            Irvine, CA 2016-10-17
## 3                      Randstad Technologies            Austin, TX 2016-10-23
## 4                       Automation Image Inc.           Irving, TX 2016-10-20
## 5                               Fannie Mae        Washington, DC 2016-10-23
## 6                             Tentek, Inc.           Seattle, WA 2016-09-30
## 7                                 TeamSoft           Madison, WI 2016-10-21
## 8                              CyberCoders         San Mateo, CA 2016-10-23
## 9                                    Agile            Atlanta, GA 2016-10-23
## 10                       Neuro Systems Inc.         Sunnyvale, CA 2016-10-14
## 11                   Sedna Consulting Group        Long Beach, CA 2016-10-23
## 12                        Cybersearch, Ltd.            Austin, TX 2016-10-19
## 13 TapRoot Recruiting Solutions, Inc.            Canton, OH 2016-10-23
## 14                                  Infodym          Herndon, VA 2016-10-06
## 15                              CyberCoders     San Francisco, CA 2016-10-23
## 16       Cognizant Technology Solutions          Hartford, CT 2016-10-23
## 17                         Matrix Resources        Charlotte, NC 2016-10-23
## 18                                 Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 19                              CyberCoders        Palo Alto, CA 2016-10-23
## 20                                   Amazon         Boardman, OR 2016-10-19
## 21                                   eclaro          atlanta, GA 2016-09-26
## 22                     Javen Technologies, Inc     Taylorsville, UT 2016-10-19
## 23                         Matrix Resources     Fort Stockton, TX 2016-10-23
## 24     22nd Century Technologies, Inc.          Lansing,, MI 2016-10-21
## 25         Infogium Technologies, LLC          Charlotte, NC 2016-09-26
## 26                         NORTHROP GRUMMAN        San Diego, CA 2016-10-22
## 27                     Xoriant Corporation          Bristol, CT 2016-10-21
## 28                    XCEL Solutions Corp.          NEW YORK, NY 2016-10-23
## 29                              CyberCoders           Nashua, NH 2016-10-23
## 30                              CyberCoders            Boise, ID 2016-10-23
## 31                               PeerSource          Chicago, IL 2016-10-20
## 32                                JDC Group                       2016-10-23
## 33                                      CSC          Isabela, PR 2016-10-23
## 34                     David Kenneth Group        Annapolis, MD 2016-10-18
## 35                     Fidelis Care New York        Rochester, NY 2016-10-23
## 36                                     Zen3          Redmond, WA 2016-10-21
## 37                        Apex Systems, Inc         Roseland, NJ 2016-10-11
## 38                          HD Supply, Inc.          Atlanta, GA 2016-10-11
## 39                    Paragon Solutions Inc.         Cranford, NJ 2016-10-21
## 40                              CyberCoders        Cambridge, MA 2016-10-23
## 41                        The Creative Group     Saddle River, NJ 2016-10-23
## 42                          Mitchell Martin Long Island City, NY 2016-10-23
## 43                          The Judge Group       Burlington, MA 2016-10-23
## 44                                  Mastech Saint Petersburg, FL 2016-10-23
## 45         AAJ Interactive Technologies       Springfield, VA 2016-10-18
## 46                    Maxima Consulting Inc           Boston, MA 2016-10-20
## 47                                MSYS Inc.     San Francisco, CA 2016-10-23
## 48         Missouri River Energy Services        Des Moines, IA 2016-10-18
```

294

```
## 49            Horizon International         Danbury, CT 2016-10-20
## 50            Amer Technology, Inc         Austin, TX 2016-10-21
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 5
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 5
##
## $resultItemList
##                                                         detailUrl
## 1 http://www.dice.com/job/result/cybercod/MM4-13251214?src=19
## 2        http://www.dice.com/job/result/10110787/49237?src=19
## 3        http://www.dice.com/job/result/10110787/51633?src=19
## 4       http://www.dice.com/job/result/90803211/164804?src=19
## 5       http://www.dice.com/job/result/90803211/529769?src=19
##                                                            jobTitle
## 1                          Senior Standards Architect - Next Generation Wi-Fi
## 2                              Business Consultant, Digital Transformation
## 3                          Senior Business Consultant, Mergers & Acquisitions
## 4        Sr. Full-Stack Lead Java Developer / Software Engineer (Des Moines, Iowa)
## 5 Sr. Java Developer- Looking For Something Different? You'll Like This Security Role
##                                              company        location
## 1                                          CyberCoders   San Jose, CA
## 2 British Telecommunications Public Limited Company     Dallas, TX
## 3 British Telecommunications Public Limited Company     Dallas, TX
## 4                                        Dynamo, LLC Des Moines, IA
## 5                                        Dynamo, LLC Des Moines, IA
##       date
## 1 2016-10-23
## 2 2016-10-23
## 3 2016-10-23
## 4 2016-10-17
## 5 2016-10-17

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 5422
##
## $firstDocument
## [1] 1
##
```

```
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Business+acumen&city=&text=&
##
## $resultItemList
##                                                                          detailUrl
## 1                    http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2                          http://www.dice.com/job/result/10110305/738693?src=19
## 3                    http://www.dice.com/job/result/appblok/1609_679864_0?src=19
## 4                    http://www.dice.com/job/result/rhalfint/04600-123753?src=19
## 5                   http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6                          http://www.dice.com/job/result/10110732/743967?src=19
## 7                        http://www.dice.com/job/result/RTX197508/635374?src=19
## 8                  http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 9                          http://www.dice.com/job/result/cxconmn/75544?src=19
## 10                       http://www.dice.com/job/result/atrilogy/7155105A?src=19
## 11                         http://www.dice.com/job/result/10175336/747098?src=19
## 12                         http://www.dice.com/job/result/10516063/632028?src=19
## 13                        http://www.dice.com/job/result/RTX17fa40/4637374?src=19
## 14                         http://www.dice.com/job/result/10360765/NLBCR1?src=19
## 15                          http://www.dice.com/job/result/matrixga/113029?src=19
## 16                         http://www.dice.com/job/result/10273066/168513?src=19
## 17                     http://www.dice.com/job/result/10105424/5793845-821?src=19
## 18                    http://www.dice.com/job/result/kforcecx/ITEQG1572362?src=19
## 19                         http://www.dice.com/job/result/10175336/743983?src=19
## 20                    http://www.dice.com/job/result/kforcecx/ITEQG1572933?src=19
## 21                         http://www.dice.com/job/result/10280377/742206?src=19
## 22                       http://www.dice.com/job/result/10111370/MSSXDBINY?src=19
## 23                  http://www.dice.com/job/result/10235096/180797367405567?src=19
## 24                         http://www.dice.com/job/result/10422157/735765?src=19
## 25                         http://www.dice.com/job/result/cxjudgpa/507870?src=19
## 26                           http://www.dice.com/job/result/10125226/5531?src=19
## 27                          http://www.dice.com/job/result/uhgbot/673053?src=19
## 28                        http://www.dice.com/job/result/10124418/eBusLead?src=19
## 29                        http://www.dice.com/job/result/10115700c/513314?src=19
## 30                       http://www.dice.com/job/result/cxcnetut/16-03412?src=19
## 31                          http://www.dice.com/job/result/10112865/SNBA?src=19
## 32                          http://www.dice.com/job/result/matrixga/116738?src=19
## 33                          http://www.dice.com/job/result/10111030/78202?src=19
## 34         http://www.dice.com/job/result/10103170/US_EN_6_21701_53669889?src=19
## 35                         http://www.dice.com/job/result/10210856/745671?src=19
## 36                         http://www.dice.com/job/result/10116861/12901?src=19
## 37                  http://www.dice.com/job/result/rippblok/1954_1492_47750?src=19
## 38                 http://www.dice.com/job/result/rhalfint/00700-9500203712?src=19
## 39                             http://www.dice.com/job/result/JSL/4209D?src=19
## 40                         http://www.dice.com/job/result/10397987/745041?src=19
## 41                         http://www.dice.com/job/result/10115393/714100?src=19
## 42                          http://www.dice.com/job/result/90960822/21443?src=19
## 43                  http://www.dice.com/job/result/90940991/BBA000014266750?src=19
## 44 http://www.dice.com/job/result/chicos/9535 Location Fort Myers, Florida?src=19
## 45                         http://www.dice.com/job/result/mitchmar/KF92721?src=19
## 46                          http://www.dice.com/job/result/uhgbot/684322?src=19
```

```
## 47                    http://www.dice.com/job/result/10106525/24138012000005912?src=19
## 48                       http://www.dice.com/job/result/sgainc/16-03321?src=19
## 49                        http://www.dice.com/job/result/10310739/728091?src=19
## 50                     http://www.dice.com/job/result/appblok/1609_627861?src=19
##                                                                             jobTitle
## 1                                                            Business/Systems Analyst
## 2                                                    Technical Business Analyst with BI Exp
## 3                                                        Cloud Architect - Eden Prairie, MN
## 4                                                                     Business Analyst
## 5                                          Data Modeler III - Business Intelligence Architect
## 6                                                              Sr Sitecore Web Developer
## 7                                                              Business Systems Analyst
## 8                                             Technical Project Manager (REMOTE) APPLICATIONS
## 9                                                                    Sr. Project Manager
## 10                                                          HRIS Business Systems Analyst
## 11                                              Business Analyst--Healthcare--Long Beach CA
## 12                                                         SQL BI/ETL Developer - Canton, OH
## 13                                                                   Support Engineer 3
## 14                                                            Crystal Reports Developer
## 15                                                          BUSINESS SYSTEMS CONSULTANT
## 16                                                                    IT Project Manager
## 17                                                                  Sr. Business Analyst
## 18                                                        Campaign Database Business Analyst
## 19                              Business Intelligence and Analytics Manager--Washington, DC
## 20                                                                  SharePoint Developer
## 21                                                            Senior Business Analyst (9098)
## 22                                              Developer Business Intelligence(**DIRECT CLIENT**)
## 23                                                            Software Developer--AngularJS/.NET
## 24                                                             Regional Account Executive
## 25                                                        Sr. Analytics / Software Eningeer
## 26                                                                    Business Analyst I
## 27                                                          Technical Architect - Java/J2EE
## 28                                                                e-Business Process Lead
## 29                                                              Senior Network Engineer
## 30                                                              MicroStrategy Developer
## 31                                                            ServiceNow Business Analyst
## 32                                                          BUSINESS SYSTEMS CONSULTANT 4
## 33                                                                          C Developer
## 34                                                              Senior Business Analyst
## 35                                                          Business Analyst - DAM systems
## 36                                                     Sr Disaster Recovery/ Back-up Engineer
## 37                             Mortgage Product Development Manager-Financial Services III
## 38                                                            Senior Software Architect
## 39                                                              Business Systems Analyst
## 40                                                              Data Modeler - SAP HANA
## 41                                                        Business Objects Developer (Canada)
## 42 urgent Hire - Sr. Business Analyst with pharma and compliance regulatory exp. - North Wales, PA
## 43                                                             Programmer I/II Technology
## 44                                                          Senior Analyst, Logistics Apps
## 45                                            Jr. Business Objects Developer/Analyst--Perm Only - NYC
## 46                                                       Linux Administrator - MN or Telecommute
## 47                Performance Management Manager - Oracle Planning and Budgeting Cloud Service (PBCS)
## 48                                                            Adaptive/Metadata Architect
## 49                                                       Business Objects  Report writer - HOT Need!!
```

297

```
## 50                        Big Data Solutions Architect (Hadoop / Mark logic) - Multiple Locations
##                                    company           location         date
## 1                                      Volt   Jersey City, NJ 2016-10-23
## 2                              Aptude, Inc.     Green Bay, WI 2016-10-19
## 3                         UnitedHealth Group     Santa Ana, CA 2016-10-23
## 4                    Robert Half Technology     Milwaukee, WI 2016-10-23
## 5                                 Fannie Mae    Washington, DC 2016-10-23
## 6                          UROOJ Corporation       Milford, CT 2016-10-21
## 7                                BillingTree       Phoenix, AZ 2016-10-19
## 8                                  Advantage       Chicago, IL 2016-10-23
## 9                                   Consultis Fort Lauderdale, FL 2016-10-23
## 10          Atrilogy Solutions Group, Inc.        Irvine, CA 2016-10-21
## 11              Sedna Consulting Group     Long Beach, CA 2016-10-23
## 12    TapRoot Recruiting Solutions, Inc.        Canton, OH 2016-10-23
## 13                             UnifyCloud       Redmond, WA 2016-10-22
## 14    Next Level Business Services, Inc.     Nashville, TN 2016-10-21
## 15                       Matrix Resources     Charlotte, NC 2016-10-23
## 16                    Teradata Corporation        Dayton, OH 2016-10-23
## 17                        TEKsystems, Inc.     Nashville, TN 2016-10-23
## 18                            Kforce Inc.       Detroit, MI 2016-10-22
## 19               Sedna Consulting Group    Washington, DC 2016-10-23
## 20                            Kforce Inc.     Oak Brook, IL 2016-10-22
## 21                        Radiansys, Inc.     San Ramon, CA 2016-10-21
## 22                     XCEL Solutions Corp.      NEW YORK, NY 2016-10-23
## 23                             TMW Systems        Dallas, TX 2016-10-23
## 24                              PeerSource       Chicago, IL 2016-10-20
## 25                        The Judge Group    Burlington, MA 2016-10-23
## 26                              JDC Group                    2016-10-23
## 27                     UnitedHealth Group         Hyderabad 2016-10-23
## 28 Systems Technology Group Inc. (STG)      Dearborn, MI 2016-10-21
## 29                 Randstad Technologies   San Antonio, TX 2016-10-23
## 30                        ConsultNet, LLC       Irving, TX 2016-10-23
## 31          Genoa International Solutions     Ann Arbor, MI 2016-10-21
## 32                       Matrix Resources    Des Moines, IA 2016-10-23
## 33                             TransUnion       Chicago, IL 2016-10-23
## 34                                  Modis      New York, NY 2016-10-23
## 35                                 Pozent  New York City, NY 2016-10-20
## 36              Pratt Brown & Associates         Tampa, FL 2016-09-28
## 37                                 Fannie Mae    Washington, DC 2016-10-23
## 38                    Robert Half Technology      Hartford, CT 2016-10-23
## 39           JSL Computer Services, Inc.        Lanham, MD 2016-10-20
## 40                        NewWay Recruiting   West Chester, PA 2016-10-20
## 41                                 Virtusa       Toronto, ON 2016-10-20
## 42                          Job Cloud Inc.    North Wales, PA 2016-10-21
## 43            Bebee Affinity Social Network        Billings, MT 2016-10-23
## 44                                  Chico's     Fort Myers, FL 2016-10-23
## 45                    Mitchell Martin, Inc.  New York City, NY 2016-10-20
## 46                     UnitedHealth Group     Minnetonka, MN 2016-10-23
## 47                                 Deloitte       Detroit, MI 2016-10-23
## 48          Software Guidance & Assistance      New York, NY 2016-10-23
## 49                   Vertex Solutions Inc.     Greenville, NC 2016-10-21
## 50                     UnitedHealth Group    Eden Prairie, MN 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
```

```
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 2518
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Communication+skills&city=&t
##
## $resultItemList
##                                                              detailUrl
## 1              http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2                    http://www.dice.com/job/result/10110732/743967?src=19
## 3              http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 4                    http://www.dice.com/job/result/10115823/729057?src=19
## 5                    http://www.dice.com/job/result/amazon20/414776?src=19
## 6                 http://www.dice.com/job/result/10197369/JH518C#PL?src=19
## 7              http://www.dice.com/job/result/cybercod/NK2-13236349?src=19
## 8              http://www.dice.com/job/result/40001003/VG-SrPM-2318?src=19
## 9                    http://www.dice.com/job/result/10378546/216420?src=19
## 10                     http://www.dice.com/job/result/10125226/5531?src=19
## 11             http://www.dice.com/job/result/cybercod/LP1-130822575?src=19
## 12                     http://www.dice.com/job/result/KANBAY/739795?src=19
## 13           http://www.dice.com/job/result/rhalfint/04310-9500200136?src=19
## 14                       http://www.dice.com/job/result/adtemo/6742?src=19
## 15                   http://www.dice.com/job/result/10205107/20161010?src=19
## 16 http://www.dice.com/job/result/10115339/CDC301A25B3ADDA4DEDA39A987F31102?src=19
## 17                     http://www.dice.com/job/result/10477708/51357?src=19
## 18                     http://www.dice.com/job/result/10122753/94648?src=19
## 19           http://www.dice.com/job/result/rhalfint/04010-0008854054?src=19
## 20                   http://www.dice.com/job/result/sunrise/16-11870?src=19
## 21                   http://www.dice.com/job/result/10115700c/514806?src=19
## 22             http://www.dice.com/job/result/kforcecx/ITEQG1572917?src=19
## 23           http://www.dice.com/job/result/10106525/24146312000007842?src=19
## 24                   http://www.dice.com/job/result/amazon20/410226?src=19
## 25             http://www.dice.com/job/result/cybercod/CP3-130190076?src=19
## 26                   http://www.dice.com/job/result/cxprince/16-10910?src=19
## 27           http://www.dice.com/job/result/10466845/02430-0008858763?src=19
## 28           http://www.dice.com/job/result/rhalfint/01070-9500191839?src=19
## 29                   http://www.dice.com/job/result/10107731/747764?src=19
## 30                   http://www.dice.com/job/result/10117979/161777?src=19
## 31                   http://www.dice.com/job/result/10119092/10141D?src=19
## 32                 http://www.dice.com/job/result/imssvs/12643X6635?src=19
## 33                 http://www.dice.com/job/result/RTX13ad66/312893?src=19
## 34                   http://www.dice.com/job/result/amazon20/376647?src=19
## 35                   http://www.dice.com/job/result/amazon20/422373?src=19
```

```
## 36                    http://www.dice.com/job/result/CXMODHOU/US_EN_6_17413_53612285?src=19
## 37                              http://www.dice.com/job/result/matrixga/116760?src=19
## 38                             http://www.dice.com/job/result/10519203/731946?src=19
## 39                             http://www.dice.com/job/result/90890095/667172?src=19
## 40                                http://www.dice.com/job/result/90819068/617?src=19
## 41                              http://www.dice.com/job/result/10365558/PSMSENG?src=19
## 42                       http://www.dice.com/job/result/RTL48417/16RNATOPS063?src=19
## 43                              http://www.dice.com/job/result/amazon20/450948?src=19
## 44                                http://www.dice.com/job/result/COSWA001/1465?src=19
## 45                       http://www.dice.com/job/result/10118029/VB-CCS-738?src=19
## 46                              http://www.dice.com/job/result/90780659/2937?src=19
## 47                              http://www.dice.com/job/result/RTX16d84d/717857?src=19
## 48                              http://www.dice.com/job/result/amazon20/370613?src=19
## 49                              http://www.dice.com/job/result/10109150/745712?src=19
## 50                              http://www.dice.com/job/result/90780659/3282?src=19
##                                                                             jobTitle
## 1                                                          Business/Systems Analyst
## 2                                                          Sr Sitecore Web Developer
## 3                                          Technical Project Manager (REMOTE) APPLICATIONS
## 4         Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 5                                       Technical Program Manager, Core Engineering Team
## 6                                                             Sr C# Project Leader
## 7          Network Engineer~Competitive Compensation & Family-Oriented Team
## 8    Senior Program Manager with Enterprise Storage experience need for 8
## 9                                             Professional Services Engineer- TAC
## 10                                                              Business Analyst I
## 11        Digital Design Verification Lead - Ethernet -Start-up and More!
## 12                                                          Java Technical Architect
## 13                                                              Support Technician
## 14                                                        Sr Infrastructure Engineer
## 15                                  OTL & Payroll Functional/Technical (2) positions
## 16                                       Technology Internship Program: Spring -17
## 17                                                                Business Analyst
## 18                                                          Business System Analyst
## 19                                                                Business Analyst
## 20                                                                 Technical Writer
## 21                            Data Engineer (Enterprise Integration): Minneapolis
## 22                                                                 Project Manager
## 23                                       OCM Mergers & Acquisitions (M&A) Manager
## 24        Senior Technical Program Manager - Military Community - Austin, TX
## 25              DevOps Engineer - Linux, MySQL, Python, shell script
## 26                                                                Business Analyst
## 27                                                     Digital Marketing Specialist
## 28                                                            Systems Adminstrator
## 29                                            Internal Communications Specialist
## 30                                                                  DevOps Engineer
## 31                                                         User Experience Designer
## 32                                                              Sr. Java Developer
## 33                                                 Instructional Designer and Trainer
## 34                       Sr Systems Engineer - Build and Packaging Systems
## 35                                             Data Collection Support Engineer
## 36                       Cisco Unified Communications Engineer - Houston, TX
## 37                                                     Sr. Survey Developer/Analyst
## 38                                                     Sr. SAP HCM w. Success factor
```

```
## 39                                                Senior TPF Programmer (Remote)
## 40 Data Analyst - This position is NOT open to interns or recent grads!!
## 41                                            Microsoft Infrastructure Engineer
## 42                                            Communication Application Engineer
## 43                                                             Workflow Analyst
## 44                                        Splunk - Information Security Analyst ~
## 45                                          Corporate Communications Specialist
## 46                                                     Contractor - Data Analyst
## 47                                                     Business Process Analyst
## 48                                        Sr. UX Researcher - Kindle Products
## 49                                                    Sr. Systems Developer-.NET
## 50                                                     Business Support Analyst
##                                        company                     location
## 1                                          Volt              Jersey City, NJ
## 2                             UROOJ Corporation                  Milford, CT
## 3                                     Advantage                  Chicago, IL
## 4                Enterprise Business Solutions Inc      Falls Church, VA
## 5                                        Amazon                   Newark, NJ
## 6                    Hamilton Technical Personnel                Albany, NY
## 7                                   CyberCoders                Richmond, VA
## 8                                   ZNA Infotek               Charlotte, NC
## 9                             iDirect Government                Herndon, VA
## 10                                    JDC Group
## 11                                  CyberCoders              Pittsburgh, PA
## 12                                    Capgemini                  Chicago, IL
## 13                       Robert Half Technology                 Hampton, VA
## 14                             Advantage Tech, Inc         Kansas City, MO
## 15                         Empowered Solutions,Inc.             Houston, TX
## 16                        Capital Insurance Group                  Reno, NV
## 17                        Inspire IT Solutions, LLC             Atlanta, GA
## 18                                        Ciber                 Phoenix, AZ
## 19                       Robert Half Technology                  Frisco, TX
## 20                        Sunrise Systems, Inc.              Melbourne, FL
## 21                        Randstad Technologies         Minneapolis, MN
## 22                                  Kforce Inc.            Saint Louis, MO
## 23                                     Deloitte                 McLean, VA
## 24                                        Amazon                 Austin, TX
## 25                                  CyberCoders              Sunnyvale, CA
## 26                        Princeton Information Ltd                Tampa, FL
## 27                            The Creative Group          Saint Louis, MO
## 28                       Robert Half Technology              Ft. Myers, FL
## 29                            Phoenix Staff, Inc.                 tempe, AZ
## 30                             Experian Limited              Franklin, TN
## 31                                    ConsultUSA             Pittsburgh, PA
## 32       IMS - International Management Systems             Aurora, CO
## 33                      University of Minnesota         Minneapolis, MN
## 34                                        Amazon                Seattle, WA
## 35                                        Amazon              Sunnyvale, CA
## 36                                        Modis                 Houston, TX
## 37                              Matrix Resources                 Durham, NC
## 38                          MAK Technologies, LLC        Jersey City, NJ
## 39                                        VOSAGO                 Phoenix, AZ
## 40                                     PlacingIT                 Orlando, FL
## 41                        ProSource Solutions LLC             Richfield, OH
```

```
## 42 Schweitzer Engineering Laboratories, Inc.               irvine, CA
## 43                                        Amazon              Cambridge, MA
## 44             Costco Wholesale Corporation                 Issaquah, WA
## 45                        The ProSource Group              Carlsbad, CA
## 46                        First Republic Bank       San Francisco, CA
## 47                             DSFederal, Inc.             Rockville, MD
## 48                                        Amazon       San Francisco, CA
## 49             Business Knowledge Services Greenwood Village, CO
## 50                        First Republic Bank              New York, NY
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## 2  2016-10-21
## 3  2016-10-23
## 4  2016-10-07
## 5  2016-10-19
## 6  2016-10-23
## 7  2016-10-23
## 8  2016-10-21
## 9  2016-10-23
## 10 2016-10-23
## 11 2016-10-23
## 12 2016-10-17
## 13 2016-10-23
## 14 2016-10-23
## 15 2016-10-16
## 16 2016-10-19
## 17 2016-10-19
## 18 2016-10-23
## 19 2016-10-23
## 20 2016-10-19
## 21 2016-10-23
## 22 2016-10-22
## 23 2016-10-23
## 24 2016-10-19
## 25 2016-10-23
## 26 2016-10-23
## 27 2016-10-23
## 28 2016-10-23
## 29 2016-10-23
## 30 2016-10-23
## 31 2016-10-21
## 32 2016-10-20
## 33 2016-10-21
## 34 2016-10-19
## 35 2016-10-19
## 36 2016-10-23
## 37 2016-10-23
## 38 2016-10-12
## 39 2016-10-17
## 40 2016-10-20
## 41 2016-09-27
## 42 2016-10-14
## 43 2016-10-19
## 44 2016-10-23
```

```
## 45 2016-10-21
## 46 2016-10-23
## 47 2016-09-29
## 48 2016-10-19
## 49 2016-10-20
## 50 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $lastDocument
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## 3           http://www.dice.com/job/result/RTX10a021/4741205?src=19
## 4           http://www.dice.com/job/result/10115700c/514062?src=19
## 5            http://www.dice.com/job/result/10113218/14228?src=19
## 6            http://www.dice.com/job/result/10444819/T0537?src=19
## 7            http://www.dice.com/job/result/ccetx001/744146?src=19
## 8    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 9                http://www.dice.com/job/result/tgsnj/122149?src=19
## 10          http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 11          http://www.dice.com/job/result/10115700c/511704?src=19
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303

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## 39 http://www.dice.com/job/result/rhalfint/04310-9500196638?src=19
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##                                                                       jobTitle
## 1                                                                       SQL DBA
## 2                                                       Business/Systems Analyst
## 3                                    Application Development System Administrator
## 4                                                           Full Stack Developer
## 5                                                            IT Business Analyst
## 6                                    Software Development Engineer - Visual Studio/C#
## 7                                                            Big Data Consultant
## 8                                    Data Modeler III - Business Intelligence Architect
## 9                                                        IT Software Developer IV
## 10                                                              Security Analyst
## 11                                                    Senior Application Developer
## 12                                                Solutions Architect - E-commerce
## 13                                                              Reporting Analyst
## 14                                                        Business Systems Analyst
## 15                                    .NET Software Developer - Asp.Net, C# and SQL
## 16                                                        SSRS Reports Developer Mid
## 17                                                                  Data Analyst
## 18                                                          Computer Engineer Job
## 19                                                                Java Developer
## 20                                                Business Intelligence Engineer
## 21                                            Business Objects Architect / Lead role
## 22                                                    Oracle Database Developer
## 23                                                          Jr. SQL Server DBA
## 24                                                        SQL Developer- eDiscovery
## 25                                        Production/Application Support Engineer
## 26                                                              Software Engineer
## 27                                                              TeraData Developer
## 28                                            SQL BI/ETL Developer - Canton, OH
## 29                                        Oracle PL/SQL Developer----only local to CO
## 30                                                    Senior Developer/Architect
## 31                                                              Support Engineer 3
```

```
## 32                                                                Java PL/SQL Developer
## 33                            Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 34                                                                  SSIS ETL Developer
## 35                                                          BUSINESS SYSTEMS CONSULTANT
## 36                                                                IT Operations manager
## 37                                                              Oracle DBA (Local Only)
## 38                                                    Campaign Database Business Analyst
## 39                                                          Application Support Analyst
## 40                                                              Sr. Java Web Developer
## 41                                                                    help desk analyst
## 42                                                            Technical Program Manager
## 43                                        Database Technical Manager (Oracle 11g / 12c)
## 44                                                              Java / Big Data Developer
## 45                                                                  Liferay Consultant
## 46                                                                Senior BI Developer
## 47                                                          COTS Integration Engineer
## 48 ETL with SQL / Informatica / SQL /  Sybase / Oracle @ Oaks,PA (Need Local Consultant)
## 49                             Developer Business Intelligence(**DIRECT CLIENT**)
## 50                                                        Software Developer--AngularJS/.NET
## ##                             company              location        date
## 1              TekStream Solutions, LLC       Calverton, MD 2016-10-13
## 2                                  Volt      Jersey City, NJ 2016-10-23
## 3                           Acumen, LLC       Burlingame, CA 2016-10-18
## 4                 Randstad Technologies           Austin, TX 2016-10-23
## 5             CorSource Technology Group        VANCOUVER, WA 2016-10-21
## 6                            Davinci Tek      Murray Hill, NJ 2016-10-11
## 7                 Automation Image Inc.           Irving, TX 2016-10-20
## 8                            Fannie Mae      Washington, DC 2016-10-23
## 9           Tekmark Global Solutions LLC       New Albany, OH 2016-10-18
## 10                          Tentek, Inc.          Seattle, WA 2016-09-30
## 11               Randstad Technologies                     OH 2016-10-23
## 12                             TeamSoft          Madison, WI 2016-10-21
## 13                   Marine Credit Union       La Crosse, WI 2016-10-23
## 14                          BillingTree          Phoenix, AZ 2016-10-19
## 15                          CyberCoders         San Jose, CA 2016-10-23
## 16              Solution Partners, Inc.         Glenview, IL 2016-10-20
## 17                     Apex Systems, Inc         Richmond, VA 2016-10-04
## 18                                Itron       West Union, SC 2016-10-23
## 19             Rita Technology Services   St. Petersburg, FL 2016-10-21
## 20                          CyberCoders       Redwood City, CA 2016-10-23
## 21               Conquest IT Consulting       Providence, RI 2016-10-20
## 22     OPTiMO Information Technology LLC         Manassas, VA 2016-10-06
## 23     Systems Technology Group Inc. (STG)        Dearborn, MI 2016-10-16
## 24                                s.com          Stamford, CT 2016-10-21
## 25                               ICONMA          O Fallon, MO 2016-10-13
## 26               Robert Half Technology          Houston, TX 2016-10-23
## 27               Infinity Tech Group Inc         San Jose, CA 2016-10-12
## 28     TapRoot Recruiting Solutions, Inc.           Canton, OH 2016-10-23
## 29               Cignus Solutions LLC           Denver, CO 2016-10-20
## 30                       Citizant, Inc.       Washington, DC 2016-10-23
## 31                          UnifyCloud          Redmond, WA 2016-10-22
## 32                              Veredus         Evanston, IL 2016-10-23
## 33                          CyberCoders   San Francisco, CA 2016-10-23
## 34                    The Judge Group Saint Petersburg, FL 2016-10-23
```

```
## 35                       Matrix Resources        Charlotte, NC 2016-10-23
## 36                             Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 37    Paramount Software Solutions, Inc         Atlanta, GA 2016-10-12
## 38                         Kforce Inc.         Detroit, MI 2016-10-22
## 39               Robert Half Technology      Chesapeake, VA 2016-10-23
## 40                          Atika Tech       Milwaukee, WI 2016-10-19
## 41              Cohesion Consulting LLC       baltimore, MD 2016-10-18
## 42                              Amazon           Tempe, AZ 2016-10-19
## 43              Chatham Staffing, Inc.         Atlanta, GA 2016-10-23
## 44                  Xoriant Corporation         Bristol, CT 2016-10-21
## 45                         Kforce Inc.           Miami, FL 2016-10-22
## 46                        Brillio, LLC         Redmond, WA 2016-10-11
## 47                   HCL America Inc.        melbourne, FL 2016-10-17
## 48                  HCL Global Systems            OAKS, PA 2016-10-21
## 49                 XCEL Solutions Corp.        NEW YORK, NY 2016-10-23
## 50                        TMW Systems           Dallas, TX 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## \API_COUNT.csv", : appending column names to file

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##                                                              detailUrl
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## 2               http://www.dice.com/job/result/90941044/2401?src=19
## 3           http://www.dice.com/job/result/10115700c/514062?src=19
## 4            http://www.dice.com/job/result/ccetx001/744146?src=19
## 5    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6            http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 7      http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 8        http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
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## 17            http://www.dice.com/job/result/matrixga/113029?src=19
## 18          http://www.dice.com/job/result/10412228/675018?src=19
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## 42     http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
## 43            http://www.dice.com/job/result/cxjudgpa/508966?src=19
## 44            http://www.dice.com/job/result/gatpa001/131419?src=19
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##                                                             jobTitle
## 1                                          Business/Systems Analyst
## 2                                                 Wireless Engineer
## 3                                               Full Stack Developer
## 4                                                Big Data Consultant
## 5           Data Modeler III - Business Intelligence Architect
## 6                                                  Security Analyst
## 7                             Solutions Architect - E-commerce
## 8                    Research Engineer - Python, Machine Learning,
## 9                                              Senior Data Engineer
## 10           Fullstack developer with big data Technologies
## 11               Business Analyst--Healthcare--Long Beach CA
## 12                                                    WCS Architect
## 13                          SQL BI/ETL Developer - Canton, OH
## 14                                              Senior Data Analyst
## 15    Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 16                              Enterprise Architect - Manager
## 17                              BUSINESS SYSTEMS CONSULTANT
## 18                                            IT Operations manager
## 19 Software Engineer - Programming, Blockchain Technology, bitcoin
## 20                                        Security Systems Engineer
## 21                                                       Oracle DBA
```

```
## 22                                          Clinical Annotator- data mining
## 23                                       Associate Technician-Baseline (Net)
## 24                                          Data Cap/FileNet Developer
## 25                                                            Data scientist
## 26                                             Engineer Aeronautical 2
## 27                                            Java / Big Data Developer
## 28               Developer Business Intelligence(**DIRECT CLIENT**)
## 29                Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 30    Test Data Engineer - Relaxed environment and awesome culture!
## 31                                             Regional Account Executive
## 32                                                        Business Analyst I
## 33                                                             .NET Developer
## 34                  Senior Project Manager - Data Center Migrations
## 35                                                       Developer III - ETL
## 36                                       .Net BigData Scala Developer
## 37                                                              Data Modeler
## 38                                                        Solutions Architect
## 39 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 40                            Data Scientist - JOIN A GROWING TEAM!
## 41                                                          Category Manager
## 42                                                            Data Scientist
## 43                                                 Manager, Data Engineering
## 44                            Netezza Data Warehouse Senior DBA
## 45                                                       Senior QA Engineer
## 46                                            Oracle PL/SQL Developer
## 47                                          Big Data Integration Engineer
## 48                Energy Systems Administrator - Sioux Falls, SD
## 49                                        Big Data / ETL/DB Developer
## 50                             Director Infrastructure Engineering
##                                    company            location         date
## 1                                     Volt    Jersey City, NJ 2016-10-23
## 2                          Wizard Staff, Inc         Irvine, CA 2016-10-17
## 3                     Randstad Technologies         Austin, TX 2016-10-23
## 4                       Automation Image Inc.       Irving, TX 2016-10-20
## 5                                 Fannie Mae    Washington, DC 2016-10-23
## 6                              Tentek, Inc.        Seattle, WA 2016-09-30
## 7                                  TeamSoft        Madison, WI 2016-10-21
## 8                              CyberCoders    San Mateo, CA 2016-10-23
## 9                                     Agile        Atlanta, GA 2016-10-23
## 10                       Neuro Systems Inc.     Sunnyvale, CA 2016-10-14
## 11                    Sedna Consulting Group    Long Beach, CA 2016-10-23
## 12                          Cybersearch, Ltd.        Austin, TX 2016-10-19
## 13 TapRoot Recruiting Solutions, Inc.         Canton, OH 2016-10-23
## 14                                  Infodym        Herndon, VA 2016-10-06
## 15                             CyberCoders    San Francisco, CA 2016-10-23
## 16     Cognizant Technology Solutions       Hartford, CT 2016-10-23
## 17                        Matrix Resources      Charlotte, NC 2016-10-23
## 18                                  Uniqsoft    Woodcliff Lake, NJ 2016-10-21
## 19                             CyberCoders      Palo Alto, CA 2016-10-23
## 20                                   Amazon      Boardman, OR 2016-10-19
## 21                                    eclaro         atlanta, GA 2016-09-26
## 22                     Javen Technologies, Inc    Taylorsville, UT 2016-10-19
## 23                        Matrix Resources    Fort Stockton, TX 2016-10-23
## 24     22nd Century Technologies, Inc.        Lansing,, MI 2016-10-21
```

```
## 25         Infogium Technologies, LLC        Charlotte, NC 2016-09-26
## 26              NORTHROP GRUMMAN        San Diego, CA 2016-10-22
## 27             Xoriant Corporation        Bristol, CT 2016-10-21
## 28            XCEL Solutions Corp.        NEW YORK, NY 2016-10-23
## 29                   CyberCoders          Nashua, NH 2016-10-23
## 30                   CyberCoders           Boise, ID 2016-10-23
## 31                    PeerSource         Chicago, IL 2016-10-20
## 32                     JDC Group                    2016-10-23
## 33                          CSC          Isabela, PR 2016-10-23
## 34            David Kenneth Group        Annapolis, MD 2016-10-18
## 35           Fidelis Care New York       Rochester, NY 2016-10-23
## 36                         Zen3         Redmond, WA 2016-10-21
## 37             Apex Systems, Inc        Roseland, NJ 2016-10-11
## 38               HD Supply, Inc.         Atlanta, GA 2016-10-11
## 39           Paragon Solutions Inc.       Cranford, NJ 2016-10-21
## 40                   CyberCoders        Cambridge, MA 2016-10-23
## 41             The Creative Group    Saddle River, NJ 2016-10-23
## 42               Mitchell Martin Long Island City, NY 2016-10-23
## 43                The Judge Group      Burlington, MA 2016-10-23
## 44                       Mastech Saint Petersburg, FL 2016-10-23
## 45      AAJ Interactive Technologies     Springfield, VA 2016-10-18
## 46           Maxima Consulting Inc          Boston, MA 2016-10-20
## 47                    MSYS Inc.    San Francisco, CA 2016-10-23
## 48    Missouri River Energy Services    Des Moines, IA 2016-10-18
## 49          Horizon International         Danbury, CT 2016-10-20
## 50            Amer Technology, Inc          Austin, TX 2016-10-21
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## 2                     http://www.dice.com/job/result/10110732/743967?src=19
## 3            http://www.dice.com/job/result/tacman/Advantage_2574-604?src=19
## 4                    http://www.dice.com/job/result/10115823/729057?src=19
## 5                    http://www.dice.com/job/result/amazon20/414776?src=19
## 6                  http://www.dice.com/job/result/10197369/JH518C#PL?src=19
## 7              http://www.dice.com/job/result/cybercod/NK2-13236349?src=19
## 8               http://www.dice.com/job/result/40001003/VG-SrPM-2318?src=19
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## 9                          http://www.dice.com/job/result/10378546/216420?src=19
## 10                          http://www.dice.com/job/result/10125226/5531?src=19
## 11             http://www.dice.com/job/result/cybercod/LP1-130822575?src=19
## 12                          http://www.dice.com/job/result/KANBAY/739795?src=19
## 13           http://www.dice.com/job/result/rhalfint/04310-9500200136?src=19
## 14                          http://www.dice.com/job/result/adtemo/6742?src=19
## 15                          http://www.dice.com/job/result/10205107/20161010?src=19
## 16 http://www.dice.com/job/result/10115339/CDC301A25B3ADDA4DEDA39A987F31102?src=19
## 17                          http://www.dice.com/job/result/10477708/51357?src=19
## 18                          http://www.dice.com/job/result/10122753/94648?src=19
## 19           http://www.dice.com/job/result/rhalfint/04010-0008854054?src=19
## 20                          http://www.dice.com/job/result/sunrise/16-11870?src=19
## 21                          http://www.dice.com/job/result/10115700c/514806?src=19
## 22             http://www.dice.com/job/result/kforcecx/ITEQG1572917?src=19
## 23             http://www.dice.com/job/result/10106525/24146312000007842?src=19
## 24                          http://www.dice.com/job/result/amazon20/410226?src=19
## 25             http://www.dice.com/job/result/cybercod/CP3-130190076?src=19
## 26                          http://www.dice.com/job/result/cxprince/16-10910?src=19
## 27             http://www.dice.com/job/result/10466845/02430-0008558763?src=19
## 28             http://www.dice.com/job/result/rhalfint/01070-9500191839?src=19
## 29                          http://www.dice.com/job/result/10107731/747764?src=19
## 30                          http://www.dice.com/job/result/10117979/161777?src=19
## 31                          http://www.dice.com/job/result/10119092/10141D?src=19
## 32                          http://www.dice.com/job/result/imssvs/12643X6635?src=19
## 33                          http://www.dice.com/job/result/RTX13ad66/312893?src=19
## 34                          http://www.dice.com/job/result/amazon20/376647?src=19
## 35                          http://www.dice.com/job/result/amazon20/422373?src=19
## 36           http://www.dice.com/job/result/CXMODHOU/US_EN_6_17413_53612285?src=19
## 37                          http://www.dice.com/job/result/matrixga/116760?src=19
## 38                          http://www.dice.com/job/result/10519203/731946?src=19
## 39                          http://www.dice.com/job/result/90890095/667172?src=19
## 40                          http://www.dice.com/job/result/90819068/617?src=19
## 41                          http://www.dice.com/job/result/10365558/PSMSENG?src=19
## 42             http://www.dice.com/job/result/RTL48417/16RNATOPS063?src=19
## 43                          http://www.dice.com/job/result/amazon20/450948?src=19
## 44                          http://www.dice.com/job/result/COSWA001/1465?src=19
## 45             http://www.dice.com/job/result/10118029/VB-CCS-738?src=19
## 46                          http://www.dice.com/job/result/90780659/2937?src=19
## 47                          http://www.dice.com/job/result/RTX16d84d/717857?src=19
## 48                          http://www.dice.com/job/result/amazon20/370613?src=19
## 49                          http://www.dice.com/job/result/10109150/745712?src=19
## 50                          http://www.dice.com/job/result/90780659/3282?src=19
## 
##                                                              jobTitle
## 1                                             Business/Systems Analyst
## 2                                              Sr Sitecore Web Developer
## 3                          Technical Project Manager (REMOTE) APPLICATIONS
## 4      Entry-Level Business Analyst/Quality Assurance(0-1 year Experience)
## 5                          Technical Program Manager, Core Engineering Team
## 6                                                    Sr C# Project Leader
## 7          Network Engineer~Competitive Compensation & Family-Oriented Team
## 8      Senior Program Manager with Enterprise Storage experience need for 8
## 9                                          Professional Services Engineer- TAC
## 10                                                      Business Analyst I
## 11          Digital Design Verification Lead - Ethernet -Start-up and More!
```

310

```
## 12                                     Java Technical Architect
## 13                                        Support Technician
## 14                                     Sr Infrastructure Engineer
## 15                       OTL & Payroll Functional/Technical (2) positions
## 16                            Technology Internship Program: Spring -17
## 17                                          Business Analyst
## 18                                      Business System Analyst
## 19                                          Business Analyst
## 20                                          Technical Writer
## 21                     Data Engineer (Enterprise Integration): Minneapolis
## 22                                          Project Manager
## 23                            OCM Mergers & Acquisitions (M&A) Manager
## 24         Senior Technical Program Manager - Military Community - Austin, TX
## 25                    DevOps Engineer - Linux, MySQL, Python, shell script
## 26                                          Business Analyst
## 27                                    Digital Marketing Specialist
## 28                                       Systems Adminstrator
## 29                                Internal Communications Specialist
## 30                                          DevOps Engineer
## 31                                     User Experience Designer
## 32                                        Sr. Java Developer
## 33                                Instructional Designer and Trainer
## 34                       Sr Systems Engineer - Build and Packaging Systems
## 35                                  Data Collection Support Engineer
## 36                       Cisco Unified Communications Engineer - Houston, TX
## 37                                     Sr. Survey Developer/Analyst
## 38                                    Sr. SAP HCM w. Success factor
## 39                                  Senior TPF Programmer (Remote)
## 40 Data Analyst - This position is NOT open to interns or recent grads!!
## 41                                 Microsoft Infrastructure Engineer
## 42                                Communication Application Engineer
## 43                                          Workflow Analyst
## 44                            Splunk - Information Security Analyst ~
## 45                                Corporate Communications Specialist
## 46                                    Contractor - Data Analyst
## 47                                     Business Process Analyst
## 48                             Sr. UX Researcher - Kindle Products
## 49                                    Sr. Systems Developer-.NET
## 50                                     Business Support Analyst
##                                    company                 location
## 1                                      Volt          Jersey City, NJ
## 2                          UROOJ Corporation             Milford, CT
## 3                                  Advantage             Chicago, IL
## 4              Enterprise Business Solutions Inc     Falls Church, VA
## 5                                     Amazon              Newark, NJ
## 6                Hamilton Technical Personnel            Albany, NY
## 7                                CyberCoders           Richmond, VA
## 8                                ZNA Infotek           Charlotte, NC
## 9                          iDirect Government           Herndon, VA
## 10                                  JDC Group
## 11                               CyberCoders          Pittsburgh, PA
## 12                                 Capgemini             Chicago, IL
## 13                     Robert Half Technology            Hampton, VA
## 14                         Advantage Tech, Inc       Kansas City, MO
```

311

```
## 15                        Empowered Solutions,Inc.                Houston, TX
## 16                        Capital Insurance Group                    Reno, NV
## 17                       Inspire IT Solutions, LLC                 Atlanta, GA
## 18                                          Ciber                 Phoenix, AZ
## 19                        Robert Half Technology                   Frisco, TX
## 20                          Sunrise Systems, Inc.               Melbourne, FL
## 21                          Randstad Technologies             Minneapolis, MN
## 22                                   Kforce Inc.             Saint Louis, MO
## 23                                      Deloitte                 McLean, VA
## 24                                        Amazon                 Austin, TX
## 25                                    CyberCoders             Sunnyvale, CA
## 26                       Princeton Information Ltd                  Tampa, FL
## 27                             The Creative Group             Saint Louis, MO
## 28                        Robert Half Technology               Ft. Myers, FL
## 29                            Phoenix Staff, Inc.                   tempe, AZ
## 30                              Experian Limited                Franklin, TN
## 31                                    ConsultUSA             Pittsburgh, PA
## 32       IMS - International Management Systems                   Aurora, CO
## 33                        University of Minnesota             Minneapolis, MN
## 34                                        Amazon                Seattle, WA
## 35                                        Amazon             Sunnyvale, CA
## 36                                         Modis                Houston, TX
## 37                              Matrix Resources                 Durham, NC
## 38                         MAK Technologies, LLC             Jersey City, NJ
## 39                                        VOSAGO                 Phoenix, AZ
## 40                                      PlacingIT                Orlando, FL
## 41                         ProSource Solutions LLC             Richfield, OH
## 42 Schweitzer Engineering Laboratories, Inc.                     irvine, CA
## 43                                        Amazon              Cambridge, MA
## 44                    Costco Wholesale Corporation              Issaquah, WA
## 45                              The ProSource Group             Carlsbad, CA
## 46                             First Republic Bank         San Francisco, CA
## 47                                DSFederal, Inc.             Rockville, MD
## 48                                        Amazon         San Francisco, CA
## 49                     Business Knowledge Services Greenwood Village, CO
## 50                             First Republic Bank             New York, NY
##          date
## 1  2016-10-23
## 2  2016-10-21
## 3  2016-10-23
## 4  2016-10-07
## 5  2016-10-19
## 6  2016-10-23
## 7  2016-10-23
## 8  2016-10-21
## 9  2016-10-23
## 10 2016-10-23
## 11 2016-10-23
## 12 2016-10-17
## 13 2016-10-23
## 14 2016-10-23
## 15 2016-10-16
## 16 2016-10-19
## 17 2016-10-19
```

```
## 18 2016-10-23
## 19 2016-10-23
## 20 2016-10-19
## 21 2016-10-23
## 22 2016-10-22
## 23 2016-10-23
## 24 2016-10-19
## 25 2016-10-23
## 26 2016-10-23
## 27 2016-10-23
## 28 2016-10-23
## 29 2016-10-23
## 30 2016-10-23
## 31 2016-10-21
## 32 2016-10-20
## 33 2016-10-21
## 34 2016-10-19
## 35 2016-10-19
## 36 2016-10-23
## 37 2016-10-23
## 38 2016-10-12
## 39 2016-10-17
## 40 2016-10-20
## 41 2016-09-27
## 42 2016-10-14
## 43 2016-10-19
## 44 2016-10-23
## 45 2016-10-21
## 46 2016-10-23
## 47 2016-09-29
## 48 2016-10-19
## 49 2016-10-20
## 50 2016-10-23

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 1542
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Hadoop&city=&text=&ip=&diceid
##
## $resultItemList
##                                                            detailUrl
## 1     http://www.dice.com/job/result/90940991/BBA000012816835?src=19
```

313

```
## 2       http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 3        http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 4            http://www.dice.com/job/result/10122703/700501?src=19
## 5            http://www.dice.com/job/result/10429942/744918?src=19
## 6         http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 7           http://www.dice.com/job/result/cxjudgpa/502857?src=19
## 8         http://www.dice.com/job/result/90881180/IZJPC0002?src=19
## 9       http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
## 10          http://www.dice.com/job/result/10115700c/514071?src=19
## 11             http://www.dice.com/job/result/uhgbot/684188?src=19
## 12      http://www.dice.com/job/result/mitchmar1/MITCA000J592?src=19
## 13          http://www.dice.com/job/result/msyca001/740342?src=19
## 14         http://www.dice.com/job/result/chenj001/16-03944?src=19
## 15               http://www.dice.com/job/result/icimii/MJ24?src=19
## 16       http://www.dice.com/job/result/appblok/1609_627861?src=19
## 17          http://www.dice.com/job/result/10115700c/514806?src=19
## 18   http://www.dice.com/job/result/booz/J3L7VV5W0TJB5V04CLZ?src=19
## 19     http://www.dice.com/job/result/10111370/SASX19093Solr?src=19
## 20       http://www.dice.com/job/result/appblok/1609_661881?src=19
## 21     http://www.dice.com/job/result/cybercod/BJ1-1283500117?src=19
## 22 http://www.dice.com/job/result/cxvolt/J3J3TB64GYK29DV4FDR?src=19
## 23          http://www.dice.com/job/result/10125183/735335?src=19
## 24      http://www.dice.com/job/result/chartpro/SE314_TWS_GA?src=19
## 25      http://www.dice.com/job/result/appblok/1609_661881_2?src=19
## 26     http://www.dice.com/job/result/cybercod/PA1-131255756?src=19
## 27          http://www.dice.com/job/result/entca005/742964?src=19
## 28         http://www.dice.com/job/result/comrise/19199-NJ?src=19
## 29          http://www.dice.com/job/result/10455752/432954?src=19
## 30          http://www.dice.com/job/result/cxjudgpa/508164?src=19
## 31          http://www.dice.com/job/result/sgainc/16-03440?src=19
## 32          http://www.dice.com/job/result/RTX15bf04/R1984?src=19
## 33         http://www.dice.com/job/result/10294672/16-00067?src=19
## 34         http://www.dice.com/job/result/10275036/denba2016?src=19
## 35            http://www.dice.com/job/result/coxga/1615183?src=19
## 36          http://www.dice.com/job/result/10225460/663354?src=19
## 37          http://www.dice.com/job/result/cxjudgpa/507835?src=19
## 38       http://www.dice.com/job/result/90958320/VS20161310?src=19
## 39     http://www.dice.com/job/result/cybercod/MO1-130805877?src=19
## 40          http://www.dice.com/job/result/10108134/683686?src=19
## 41            http://www.dice.com/job/result/humancap/4971?src=19
## 42   http://www.dice.com/job/result/90940991/BBA000013799749?src=19
## 43     http://www.dice.com/job/result/cybercod/JS8-131128861?src=19
## 44     http://www.dice.com/job/result/cybercod/JP5-132334010?src=19
## 45           http://www.dice.com/job/result/10432313/49874?src=19
## 46           http://www.dice.com/job/result/10118781/4794?src=19
## 47          http://www.dice.com/job/result/10268846/676901?src=19
## 48          http://www.dice.com/job/result/90934544/747419?src=19
## 49     http://www.dice.com/job/result/cybercod/ML2-131830130?src=19
## 50           http://www.dice.com/job/result/10286792/2221?src=19
##                                                             jobTitle
## 1                                                       Java Developer
## 2                                                 Senior Data Engineer
## 3                Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 4                                                Sr. Haadoop Consultant
```

```
## 5    Network Admin with AWS(Apache Hadoop OOZIE,Chef,AWS),Rate-Open Negotiable, 1 yr, Hillsboro,OR
## 6                                                             Java / Big Data Developer
## 7                                          Big Data Software Engineer / Data Architect III
## 8                                                          .Net BigData Scala Developer
## 9                                                                        Data Scientist
## 10                                                                    Software Engineer
## 11                                                    Technology Graduate Programme, Dublin
## 12                                                                       Data Scientist
## 13                                                       Big Data Integration Engineer
## 14                                                                    Solution Architect
## 15                                              Hadoop Architect or Lead with BI/ DW
## 16              Big Data Solutions Architect (Hadoop / Mark logic) - Multiple Locations
## 17                                  Data Engineer (Enterprise Integration): Minneapolis
## 18                                                                    Big Data Engineer
## 19                          Sr. Java/Solr Developer (Apache SOLR  - ** DIRECT CLIENT **)
## 20                                          IT Portfolio Architect - Multiple Locations
## 21                            Senior Platform Engineer - Hadoop, NoSQL, Spark/Scala
## 22               Hadoop Data Analyst (Spark R Machine Learning PERL MatLab SQL)
## 23                                          Senior/ Lead Big Data Developer
## 24                                                          Hadoop Admin - GA/TX
## 25                                          IT Portfolio Architect - Multiple Locations
## 26                    Data Engineer - Data Modeling, Data Warehousing, SQL/NoSQL
## 27                        Data Scientist - Hadoop,hive,Scala,Machine Learning
## 28                                          Sr. Hadoop Developer (19199)
## 29                                                          Software Architect
## 30                                                          Applications Developer
## 31                                                          .Net/VB.Net Developer
## 32                                          Senior Big Data Developer - Hadoop
## 33                                          DevOps Engineer - Hadoop Ecosystem
## 34                                                          senior data analyst
## 35                                                          Senior Data Scientist
## 36                                                          Big Data Engineer
## 37                                          Sr. Software Engineer - DevOps
## 38               Systems Analyst Salesforce Admin Consultant -- Full-time -- IL / TX..
## 39                    Senior Data Engineer - Healthcare and Life Science Analytics! -
## 40                                                          Principal Software Engineer
## 41                                                          Big Data Architect
## 42                                                          Business Associate
## 43                                          Sr. Java Developer - Machine Learning Revolution
## 44                            Big Data Platform Architect - Date Warehouse, Spark, Hadoop
## 45                            Hadoop Infrastructure Engineer - Foundational Services
## 46                                                          Java Hadoop Engineer
## 47                            Senior Software Engineer (Java full-stack Developer)
## 48                                          Hadoop Admin with Security
## 49                    Data Integration Engineer - Spark, Hado, AWS - Relo assistance!
## 50                                                          Software Developer
##                            company                    location        date
## 1     Bebee Affinity Social Network            Houston, TX 2016-10-23
## 2                              Agile            Atlanta, GA 2016-10-23
## 3                        CyberCoders      San Francisco, CA 2016-10-23
## 4         Reliable Software Resources    plymouth meeting, PA 2016-09-30
## 5                           Centizen           Hillsboro, OR 2016-10-21
## 6                Xoriant Corporation            Bristol, CT 2016-10-21
## 7                    The Judge Group       West Boston, MA 2016-10-23
```

315

```
## 8                            Zen3          Redmond, WA 2016-10-21
## 9                 Mitchell Martin  Long Island City, NY 2016-10-23
## 10           Randstad Technologies           Cary, NC 2016-10-23
## 11              UnitedHealth Group             Europe 2016-10-23
## 12                 Mitchell Martin       Bethesda, MD 2016-10-23
## 13                      MSYS Inc.  San Francisco, CA 2016-10-23
## 14      Chenoa Information Services    Jersey City, NJ 2016-10-17
## 15       Zensar Technologies Inc.       San Jose, CA 2016-09-29
## 16              UnitedHealth Group    Eden Prairie, MN 2016-10-23
## 17           Randstad Technologies    Minneapolis, MN 2016-10-23
## 18            Booz Allen Hamilton      Arlington, VA 2016-10-23
## 19            XCEL Solutions Corp.  Lawrenceville, NJ 2016-10-23
## 20              UnitedHealth Group    Minneapolis, MN 2016-10-23
## 21                    CyberCoders      Menlo Park, CA 2016-10-23
## 22                           Volt      Davenport, CA 2016-10-23
## 23                     Sohum Inc.         Dallas, TX 2016-10-17
## 24            Charter Global, Inc.        Atlanta, GA 2016-10-20
## 25              UnitedHealth Group  Basking Ridge, NJ 2016-10-23
## 26                    CyberCoders     Lake Forest, IL 2016-10-23
## 27            Enterprise Solutions      Sunnyvale, CA 2016-10-19
## 28                        Comrise         Newark, NJ 2016-10-21
## 29                    Alldata LLC      Elk Grove, CA 2016-10-02
## 30                The Judge Group       New York, NY 2016-10-23
## 31   Software Guidance & Assistance     Wilmington, DE 2016-10-23
## 32       American Family Insurance        Madison, WI 2016-10-23
## 33          Futures Group IT LLC.       New York, NY 2016-10-17
## 34                 A2C Consulting      englewood, CO 2016-10-23
## 35                Cox Enterprises South San Francisco, CA 2016-10-22
## 36                    JMD Partners       New York, NY 2016-10-14
## 37                The Judge Group         Duluth, GA 2016-10-23
## 38            Buckeye Global IT Inc     Richardson, TX 2016-10-21
## 39                    CyberCoders       New York, NY 2016-10-23
## 40           Overture Partners, LLC         Boston, MA 2016-10-21
## 41 Intelligent Capital Network, Inc.     Blue Bell, PA 2016-10-10
## 42     Bebee Affinity Social Network        Windsor, CT 2016-10-23
## 43                    CyberCoders        Seattle, WA 2016-10-23
## 44                    CyberCoders         Boston, MA 2016-10-23
## 45                 Bloomberg L.P.       New York, NY 2016-10-23
## 46            Prime Team Partners, Inc       Bellevue, WA 2016-10-23
## 47                         VSolvit  Patuxent River, MD 2016-10-04
## 48            Genius Resources Inc        chicago, IL 2016-10-21
## 49                    CyberCoders        Orlando, FL 2016-10-23
## 50               VariQ Corporation      United States 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 433
##
## $firstDocument
## [1] 1
```

316

```
## 
## $lastDocument
## [1] 50
## 
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Spark&city=&text=&ip=&diceid=
## 
## $resultItemList
##                                                       detailUrl
## 1              http://www.dice.com/job/result/10510763/738272?src=19
## 2              http://www.dice.com/job/result/10122703/700501?src=19
## 3            http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 4      http://www.dice.com/job/result/cybercod/BJ1-1283500117?src=19
## 5              http://www.dice.com/job/result/10125183/735335?src=19
## 6       http://www.dice.com/job/result/cybercod/PA1-131255756?src=19
## 7              http://www.dice.com/job/result/10455752/432954?src=19
## 8              http://www.dice.com/job/result/10330068/746013?src=19
## 9              http://www.dice.com/job/result/10225460/663354?src=19
## 10     http://www.dice.com/job/result/mategr/9501SPARKCONSUL?src=19
## 11      http://www.dice.com/job/result/cybercod/MO1-130805877?src=19
## 12             http://www.dice.com/job/result/10237020/718857?src=19
## 13             http://www.dice.com/job/result/10108134/683686?src=19
## 14 http://www.dice.com/job/result/10365912/devopscloudengi?src=19
## 15          http://www.dice.com/job/result/iconma/L3DAPython?src=19
## 16      http://www.dice.com/job/result/cybercod/JS8-131128861?src=19
## 17      http://www.dice.com/job/result/cybercod/JP5-132334010?src=19
## 18              http://www.dice.com/job/result/compun/743064?src=19
## 19      http://www.dice.com/job/result/cybercod/ML2-131830130?src=19
## 20       http://www.dice.com/job/result/cybercod/SM7-13242456?src=19
## 21       http://www.dice.com/job/result/cybercod/AW2-13244365?src=19
## 22             http://www.dice.com/job/result/entca005/726538?src=19
## 23             http://www.dice.com/job/result/10439682/743292?src=19
## 24              http://www.dice.com/job/result/corct001/T2658?src=19
## 25 http://www.dice.com/job/result/10230516/HadoopArchSanjo?src=19
## 26             http://www.dice.com/job/result/10110870/740381?src=19
## 27             http://www.dice.com/job/result/10529556/737510?src=19
## 28             http://www.dice.com/job/result/10384248/32053B?src=19
## 29            http://www.dice.com/job/result/RTL101813/673388?src=19
## 30         http://www.dice.com/job/result/10124549/NJ-HDA-PA?src=19
## 31             http://www.dice.com/job/result/10207105/DR123?src=19
## 32              http://www.dice.com/job/result/10117326/7880?src=19
## 33             http://www.dice.com/job/result/10225460/652484?src=19
## 34       http://www.dice.com/job/result/10114908/hadoop2507?src=19
## 35            http://www.dice.com/job/result/90939746/739827?src=19
## 36     http://www.dice.com/job/result/cybercod/LL2-127415634?src=19
## 37     http://www.dice.com/job/result/10207105/Bigdata-SPARK?src=19
## 38          http://www.dice.com/job/result/RTX168747/720361?src=19
## 39             http://www.dice.com/job/result/10115393/678813?src=19
## 40          http://www.dice.com/job/result/ceiam/TCJO037881?src=19
## 41               http://www.dice.com/job/result/usts/112764?src=19
## 42             http://www.dice.com/job/result/humancap/5005?src=19
## 43             http://www.dice.com/job/result/10108900/661434?src=19
## 44       http://www.dice.com/job/result/cybercod/AB2-13248684?src=19
## 45   http://www.dice.com/job/result/10208346/3096_Python_FL?src=19
```

```
## 46            http://www.dice.com/job/result/10443786/727608?src=19
## 47            http://www.dice.com/job/result/90956966/742242?src=19
## 48            http://www.dice.com/job/result/10451021/BD0928?src=19
## 49            http://www.dice.com/job/result/10221266/600780?src=19
## 50          http://www.dice.com/job/result/10106782/514_MNBIG?src=19
##                                                              jobTitle
## 1                                    Big Data Engineer ( Mid Level)
## 2                                          Sr. Haadoop Consultant
## 3                                        Java / Big Data Developer
## 4               Senior Platform Engineer - Hadoop, NoSQL, Spark/Scala
## 5                                    Senior/ Lead Big Data Developer
## 6            Data Engineer - Data Modeling, Data Warehousing, SQL/NoSQL
## 7                                              Software Architect
## 8                                              Big data Architect
## 9                                              Big Data Engineer
## 10                                         Sr. Spark Consultant
## 11     Senior Data Engineer - Healthcare and Life Science Analytics! -
## 12                                             Devops Engineer
## 13                                   Principal Software Engineer
## 14              Seeking a DevOps/CloudOps Engineer in Mountain View, CA
## 15   Level 3 Data Information Analyst (Big Data / Python) - Richmond, VA
## 16                   Sr. Java Developer - Machine Learning Revolution
## 17          Big Data Platform Architect - Date Warehouse, Spark, Hadoop
## 18 Need : Deep Learning Specialist, Santa Clara or Sunnyvale CA (ONLY LO
## 19        Data Integration Engineer - Spark, Hado, AWS - Relo assistance!
## 20                     Senior Data Scientist - Big Data/Software Hybrid!!
## 21                          Senior Data Engineer- Java, Python, Scala
## 22                                    Bigdata Java Architect-Spark
## 23                             API (JavaScript) Developer_Omaha, NE
## 24                                       Big Data Integration Lead
## 25                                        Hadoop Architect (dw/etl)
## 26                                        BIG DATA ADMNISTRATOR
## 27                                              Talend/Big Data
## 28                             Senior Cognitive Software Engineer
## 29                                              Data Architect
## 30                                            Hadoop Architect
## 31                                            BIG DATA ENGINEER
## 32                                        Hadoop Architect/Admin
## 33                          Senior Server Side Java Software Engineer
## 34                            System Administrator II/Hadoop Admin
## 35                                                Hadoop Admin
## 36              Spark Developer Needed for Hot West LA Ad Tech Co!
## 37                    Big Data Developer w/ Cloudera certification
## 38                                            Network Developer
## 39                                                Hadoop Admin
## 40           Cloud Engineer - Linux, Python, Spark, Agile, Cloud, AWS
## 41    Sr. Software Engineer - Workload Scheduling & Resource Management
## 42                                        Sr. Big Data Engineer
## 43                       Client Technology  Big Data Development Lead
## 44                    C++ Programmer - CUDA / Equity / flexible hours
## 45                                            Python  Developer
## 46                                        Senior Data Engineer
## 47                    Scala, Spark, Datawarehouse Big data Expert
## 48                                            Big Data Engineer
```

318

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## 49                                          Java/Hadoop Application Developer
## 50                                              Big Data Lead/Developer
##                                    company           location        date
## 1              Meridianservices LLC.    Mountain view, CA 2016-10-19
## 2      Reliable Software Resources plymouth meeting, PA 2016-09-30
## 3              Xoriant Corporation         Bristol, CT 2016-10-21
## 4                      CyberCoders       Menlo Park, CA 2016-10-23
## 5                       Sohum Inc.          Dallas, TX 2016-10-17
## 6                      CyberCoders     Lake Forest, IL 2016-10-23
## 7                     Alldata LLC       Elk Grove, CA 2016-10-02
## 8          Maintec Technologies Inc         Summit, NJ 2016-10-20
## 9                     JMD Partners       New York, NY 2016-10-14
## 10          Matrix Technology Group        SAN JOSE, CA 2016-10-21
## 11                     CyberCoders       New York, NY 2016-10-23
## 12                         Abjayon    Mountain View, CA 2016-10-20
## 13            Overture Partners, LLC        Boston, MA 2016-10-21
## 14             OSI Engineering, Inc.   mountain view, CA 2016-10-21
## 15                          ICONMA        Richmond, VA 2016-10-13
## 16                     CyberCoders         Seattle, WA 2016-10-23
## 17                     CyberCoders          Boston, MA 2016-10-23
## 18      Compunnel Software Group Inc.    Santa Clara, CA 2016-10-19
## 19                     CyberCoders         Orlando, FL 2016-10-23
## 20                     CyberCoders        New York, NY 2016-10-23
## 21                     CyberCoders       Palo Alto, CA 2016-10-23
## 22             Enterprise Solutions         EDISON, NJ 2016-10-18
## 23           Canopy One Solutions Inc         omaha, NE 2016-10-19
## 24       Corporate Systems Associates      Hartford, CT 2016-10-21
## 25             MatchPoint Solutions       San Jose, CA 2016-10-21
## 26 Johnson Technology Systems Inc (JTSI)     Radford, VA 2016-10-18
## 27                  XcellFORCE LLC      Pleasanton, CA 2016-10-20
## 28      Merge Healthcare, an IBM Company     Cambridge, MA 2016-09-28
## 29                     Base36, Inc     Falls Church, VA 2016-10-14
## 30                Atlantic Partners      Pittsburgh, PA 2016-10-21
## 31                 Mindtree Limited     SCOTTSDALE, AZ 2016-10-21
## 32              Kaizen Technologies     Wilmington, DE 2016-10-21
## 33                    JMD Partners        New York, NY 2016-10-14
## 34                        Mindlance      Charlotte, NC 2016-10-19
## 35                   Matlen Silver      Charlotte, NC 2016-10-21
## 36                     CyberCoders     Los Angeles, CA 2016-10-23
## 37                 Mindtree Limited      Scottsdale, AZ 2016-10-12
## 38                  Soar Technology      Ann Arbor, MI 2016-10-20
## 39                          Virtusa     Wilmington, DE 2016-09-23
## 40         Computer Enterprises, Inc.   Philadelphia, PA 2016-10-21
## 41           U.S. Tech Solutions Inc.    Santa Clara, CA 2016-10-20
## 42    Intelligent Capital Network, Inc.     New York, NY 2016-10-13
## 43                    Evantage LLC     Jersey city, NJ 2016-10-23
## 44                     CyberCoders      Pittsburgh, PA 2016-10-23
## 45                       Collabera   Temple Terrace, FL 2016-10-19
## 46                     FusionForte    Mountain View, CA 2016-10-17
## 47                       MLWiz Inc    East Hanover, NJ 2016-10-23
## 48                   Technomax LLC          McLean, VA 2016-10-07
## 49          Anagh Technologies Inc.     Jersey City, NJ 2016-10-20
## 50              USM Business Systems       Minnetonka, MN 2016-10-20
```

```
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 4454
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Python&city=&text=&ip=&diceid
##
## $resultItemList
##                                                              detailUrl
## 1              http://www.dice.com/job/result/ngitbot/16012143?src=19
## 2       http://www.dice.com/job/result/90940991/BBA000012816835?src=19
## 3        http://www.dice.com/job/result/cybercod/AW2-1262657129?src=19
## 4          http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 5                http://www.dice.com/job/result/10109301/741893?src=19
## 6        http://www.dice.com/job/result/cybercod/DA3-131800525?src=19
## 7          http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 8       http://www.dice.com/job/result/COMSYSD/FOX_11174123-54?src=19
## 9                http://www.dice.com/job/result/amazon20/387373?src=19
## 10   http://www.dice.com/job/result/rhalfint/04380-0008860308?src=19
## 11             http://www.dice.com/job/result/ngitbot/16018044?src=19
## 12       http://www.dice.com/job/result/cybercod/NNG-131107152?src=19
## 13               http://www.dice.com/job/result/10271304/681119?src=19
## 14               http://www.dice.com/job/result/cxjudgpa/502857?src=19
## 15 http://www.dice.com/job/result/10106525/24141662000006242?src=19
## 16       http://www.dice.com/job/result/cybercod/LP1-130822575?src=19
## 17               http://www.dice.com/job/result/amazon20/382766?src=19
## 18                 http://www.dice.com/job/result/10124613/1761?src=19
## 19               http://www.dice.com/job/result/amazon20/421626?src=19
## 20        http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
## 21        http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
## 22             http://www.dice.com/job/result/10115700c/514071?src=19
## 23                 http://www.dice.com/job/result/10286858/2026?src=19
## 24   http://www.dice.com/job/result/micca003/JO#AA5011SSENum?src=19
## 25             http://www.dice.com/job/result/ngitbot/16020075?src=19
## 26             http://www.dice.com/job/result/10528526/0926265?src=19
## 27               http://www.dice.com/job/result/amazon20/424209?src=19
## 28               http://www.dice.com/job/result/90934388/746973?src=19
## 29               http://www.dice.com/job/result/cxjudgpa/500015?src=19
## 30               http://www.dice.com/job/result/amazon20/407951?src=19
## 31 http://www.dice.com/job/result/cxvolt/J3K3GP6WXLFYP70F466?src=19
## 32  http://www.dice.com/job/result/10116662/NT54835852753551?src=19
## 33               http://www.dice.com/job/result/10482258/725104?src=19
## 34               http://www.dice.com/job/result/amazon20/383081?src=19
```

```
## 35              http://www.dice.com/job/result/10266957/742199?src=19
## 36              http://www.dice.com/job/result/10228513/16-05075?src=19
## 37              http://www.dice.com/job/result/10109498/897520?src=19
## 38                http://www.dice.com/job/result/norland/11123?src=19
## 39               http://www.dice.com/job/result/amazecho/430542?src=19
## 40              http://www.dice.com/job/result/10410924/712555?src=19
## 41               http://www.dice.com/job/result/amazon20/433225?src=19
## 42                 http://www.dice.com/job/result/10166591/2460?src=19
## 43                 http://www.dice.com/job/result/tricom/743744?src=19
## 44   http://www.dice.com/job/result/booz/J3L7VV5W0TJB5V04CLZ?src=19
## 45     http://www.dice.com/job/result/10109429/AA_DevOps_VA?src=19
## 46            http://www.dice.com/job/result/ngitbot/16019005?src=19
## 47    http://www.dice.com/job/result/cybercod/CP3-130190076?src=19
## 48                http://www.dice.com/job/result/taosca/735654?src=19
## 49              http://www.dice.com/job/result/10302956/579839?src=19
## 50              http://www.dice.com/job/result/RTL109178/736994?src=19
##                                                                jobTitle
## 1                              Assured Boot Team - Software Engineer 4
## 2                                                        Java Developer
## 3                      Senior Data Scientist - Machine Learning, Python, C/C++
## 4                            Research Engineer - Python, Machine Learning,
## 5                                                   Full Stack Developer
## 6                                        Business Intelligence Engineer
## 7                Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 8                                              Cloud- Software Engineer
## 9                                              DevOps Operations Manager
## 10                                                     Systems Engineer
## 11                                               Engineer Aeronautical 2
## 12                                        Director of Talent Engineering
## 13                                        Vulnerability assessment testing
## 14                            Big Data Software Engineer / Data Architect III
## 15                                             Lead Systems Administrator
## 16              Digital Design Verification Lead - Ethernet -Start-up and More!
## 17         Software Development Engineer - Cambridge, MA - Alexa Machine Learning
## 18                Security Infrastructure Architect Juniper/PaloAlto/Fortinet
## 19                                  Quality Assurance Engineer - Amazon Business
## 20                                       Data Scientist - JOIN A GROWING TEAM!
## 21                                                       Data Scientist
## 22                                                    Software Engineer
## 23                                            Network Security Engineer
## 24                            Senior Software Engineer, Numerical Simulations
## 25                                                  SW Engineer (I&T) 2/3
## 26         Multiple Positions: Python, C# Reporting, API Dev, Ab Initio, VB.Net
## 27                                                       Data Scientist
## 28                                                Sr. Big Data Engineer
## 29                                                   Openstack Engineer
## 30                                          Data Center Support Engineer
## 31                                          Software Developer - Dev Ops
## 32              Linux Wizard (Kernel Tuning / 10G Offload Engines) for NYC Startup
## 33                                              Fullstack Ruby Developer
## 34                        DevOps Cloud Support Engineer - Amazon Web Services
## 35                                             Sr Java Engineer/Developer
## 36                                              Site Reliability Engineer
## 37                                                   C++ Linux Developer
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321

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## 38                                                     6901-Sr. Software Engineer
## 39 Software Development Engineer - Cambridge, MA Machine Learning and Speech - Echo
## 40                                                          Sr. Data Engineer
## 41                                                     QA Engineer (Amazon Music)
## 42                                                          Dev Ops Engineer
## 43                                                Sr Software Engineer Data Analyst
## 44                                                          Big Data Engineer
## 45                            Release/DevOps/Configuration Management Professional
## 46                                                     TERN VMS Software Engineer 2
## 47                            DevOps Engineer - Linux, MySQL, Python, shell script
## 48                                                     Mid-Level Systems Engineer
## 49                                                     Big - Fast Data Engineer (Plano)
## 50                                                     Front end/ Full Stack Developer
##                            company             location       date
## 1              NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 2  Bebee Affinity Social Network          Houston, TX 2016-10-23
## 3                     CyberCoders        Palo Alto, CA 2016-10-23
## 4                     CyberCoders        San Mateo, CA 2016-10-23
## 5          Techgene Solutions LLC          Houston, TX 2016-10-19
## 6                     CyberCoders     Redwood City, CA 2016-10-23
## 7                     CyberCoders    San Francisco, CA 2016-10-23
## 8                         Experis       Richardson, TX 2016-10-23
## 9                          Amazon          Herndon, VA 2016-10-19
## 10         Robert Half Technology            Plano, TX 2016-10-23
## 11               NORTHROP GRUMMAN        San Diego, CA 2016-10-22
## 12                    CyberCoders      Los Angeles, CA 2016-10-23
## 13                 Net2Source Inc.   FORT LAUDERDALE, FL 2016-10-20
## 14                 The Judge Group      West Boston, MA 2016-10-23
## 15                        Deloitte        Hermitage, TN 2016-10-23
## 16                    CyberCoders       Pittsburgh, PA 2016-10-23
## 17                          Amazon        Cambridge, MA 2016-10-19
## 18               Case Interactive         New York, NY 2016-10-20
## 19                          Amazon           Austin, TX 2016-10-19
## 20                    CyberCoders        Cambridge, MA 2016-10-23
## 21                 Mitchell Martin  Long Island City, NY 2016-10-23
## 22           Randstad Technologies             Cary, NC 2016-10-23
## 23              kCura Corporation          Chicago, IL 2016-10-23
## 24                     Mice Groups         Campbell, CA 2016-10-21
## 25               NORTHROP GRUMMAN           Aurora, CO 2016-10-22
## 26                   UVS Infotech       Wilmington, DE 2016-09-29
## 27                          Amazon        Cambridge, MA 2016-10-19
## 28                  Skalenow Inc.    San Francisco, CA 2016-10-21
## 29                 The Judge Group        Southlake, TX 2016-10-23
## 30                          Amazon          Herndon, VA 2016-10-19
## 31                            Volt        San Diego, CA 2016-10-23
## 32           Gambit Technologies         New York, NY 2016-10-23
## 33                         Elevano         New York, NY 2016-10-20
## 34                          Amazon           Dallas, TX 2016-10-19
## 35                 Valiantica, Inc      Menlo Park, CA 2016-10-19
## 36                    Genuent, LLC         New York, NY 2016-10-23
## 37      Harmer Consultants, Inc.          Chicago, IL 2016-10-06
## 38               The Norland Group          Anaheim, CA 2016-10-23
## 39                          Amazon        Cambridge, MA 2016-10-23
## 40             Mumba Technologies         Los Gatos, CA 2016-10-07
```

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## 41                          Amazon    San Francisco, CA 2016-10-19
## 42                   Meadows Group     Bloomington, MN 2016-10-19
## 43     TriCom Technical Services          Hopkins, MN 2016-10-20
## 44        Booz Allen Hamilton         Arlington, VA 2016-10-23
## 45             DatamanUSA, LLC          Fairfax, VA 2016-10-17
## 46            NORTHROP GRUMMAN        San Diego, CA 2016-10-22
## 47                 CyberCoders        Sunnyvale, CA 2016-10-23
## 48                        Taos         San Jose, CA 2016-10-20
## 49                 Capital One            Plano, TX 2016-10-17
## 50                   VLink Inc          Denver, CO 2016-10-21

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 92
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Statistics&city=&text=&ip=&d:
##
## $resultItemList
##                                                              detailUrl
## 1              http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
## 2                http://www.dice.com/job/result/RTX151f11/564446?src=19
## 3                 http://www.dice.com/job/result/10123851/4929?src=19
## 4             http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 5                http://www.dice.com/job/result/10114776/SMA00005?src=19
## 6                 http://www.dice.com/job/result/10504871/261274?src=19
## 7                 http://www.dice.com/job/result/10359170/744741?src=19
## 8             http://www.dice.com/job/result/cybercod/SM7-131394431?src=19
## 9              http://www.dice.com/job/result/cybercod/NG-131927726?src=19
## 10               http://www.dice.com/job/result/RTL941989/723113?src=19
## 11             http://www.dice.com/job/result/cybercod/KK1-132147118?src=19
## 12             http://www.dice.com/job/result/cybercod/RE1-131004266?src=19
## 13             http://www.dice.com/job/result/10294672/TD_C#_Quantdev?src=19
## 14 http://www.dice.com/job/result/cybercod/SJ2-HeadOfAnalytics-1020165?src=19
## 15             http://www.dice.com/job/result/cybercod/OH1-13245385?src=19
## 16                 http://www.dice.com/job/result/gsc/16-01252n?src=19
## 17             http://www.dice.com/job/result/cybercod/KSK-126801727?src=19
## 18               http://www.dice.com/job/result/10114776/ENT0000E?src=19
## 19             http://www.dice.com/job/result/90969740/BUS-16-00013?src=19
## 20               http://www.dice.com/job/result/10427675/JE-C-DS?src=19
## 21                http://www.dice.com/job/result/10118594/707936?src=19
## 22             http://www.dice.com/job/result/cybercod/SM7-131392150?src=19
## 23               http://www.dice.com/job/result/SOFTENG/2001624?src=19
## 24               http://www.dice.com/job/result/80124351/724941?src=19
```

```
## 25                            http://www.dice.com/job/result/90767815/675141?src=19
## 26                       http://www.dice.com/job/result/cybercod/NNG-123041272?src=19
## 27                          http://www.dice.com/job/result/10124296/stat_roswell?src=19
## 28                            http://www.dice.com/job/result/90833617/732438?src=19
## 29                         http://www.dice.com/job/result/10115382/D1389-TX03?src=19
## 30                            http://www.dice.com/job/result/90929784/RS2898?src=19
## 31                            http://www.dice.com/job/result/napil006/JWTC++?src=19
## 32                         http://www.dice.com/job/result/10116711/PUR010013?src=19
## 33                             http://www.dice.com/job/result/ASQUARE/734222?src=19
## 34                       http://www.dice.com/job/result/cybercod/SK-130626082?src=19
## 35                       http://www.dice.com/job/result/cybercod/SM7-131443446?src=19
## 36                            http://www.dice.com/job/result/90833617/740905?src=19
## 37                             http://www.dice.com/job/result/precisn/3032DI?src=19
## 38                         http://www.dice.com/job/result/10230037/MSPAC0010?src=19
## 39                            http://www.dice.com/job/result/90833617/740922?src=19
## 40                            http://www.dice.com/job/result/90833617/700446?src=19
## 41                            http://www.dice.com/job/result/10333482/722357?src=19
## 42                              http://www.dice.com/job/result/10474433/3128?src=19
## 43                            http://www.dice.com/job/result/10341964/556699?src=19
## 44                       http://www.dice.com/job/result/10119083/DataScienceRsi?src=19
## 45                            http://www.dice.com/job/result/10366547/616375?src=19
## 46                            http://www.dice.com/job/result/90864850/345745?src=19
## 47                            http://www.dice.com/job/result/10111403/JO1968?src=19
## 48                            http://www.dice.com/job/result/10117979/162114?src=19
## 49                       http://www.dice.com/job/result/10208346H/2412_Ora_NJ?src=19
## 50                            http://www.dice.com/job/result/RTX1bab91/4744141?src=19
##                                                                                jobTitle
## 1                    Test Data Engineer - Relaxed environment and awesome culture!
## 2                                                             Senior Data Analyst
## 3                                                       Test Software Engineer (4929)
## 4                                              Data Scientist - Junior-Senior Levels!
## 5                                      Supervisor, Rating and Underwriting Consultant
## 6                                              Entry Level Data Analyst/ Fresh Graduate
## 7                                     Need SAS Financial Data Analyst - Immediate Need
## 8                                    Technical Product Manager -Cyber Security Sector!!
## 9                                                       Sr Machine Learning Scientist
## 10                                                                       Data Engineer
## 11                                            Data Scientist - Fraud detection technology!
## 12                                                          Machine Learning Scientist
## 13                                                 Lead C# Quant Developer - ETF Trading
## 14                             Head of Data Analytics - use big data for the greater good!
## 15                             Data Scientist - Machine Learning, C/C++, Active Filtering
## 16                                                       AML Optimization Statistician
## 17                                                    Mechanical Engineer - Boiler Design
## 18                                                                 Actuarial Analyst I
## 19                                                        Business Intelligence Analyst
## 20                                                                       Data Scientist
## 21                                                          Process innovation Manager
## 22                                   Technical Product Manager -Cyber Security Sector!!
## 23                                                    Machine Learning Research Scientist
## 24                                                Success Advocate (tech support / trainer)
## 25                                                                Algo Quant Strategist
## 26                                                                  Lead Data Scientist
## 27                                                                Sr. R&D Statistician
```

324

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## 28                                                            Lead Java Developer
## 29 ETL Pipeline Developer (with Statistics, Data Science, Bayesian Modeling)(relo provided)
## 30                                                            Deep Learning Expert
## 31                                                                   C++ Developer
## 32                                                Supply Chain Analyst - SQL Programmer
## 33                                                                Process Engineer
## 34                                            Data Scientist - Sales Platform - RELO
## 35                                Technical Product Manager -Cyber Security Sector!!
## 36                                                                Business Analyst
## 37       Sr. Data Scientist - Machine Learning, Python, R, Predictive Analytics / Big Data
## 38                                                                    Data Analyst
## 39                                                                Business Analyst
## 40                                          Quality Assurance Specialist (SRF 1804) Seat #970
## 41                                                            Quantitative Analyst
## 42                                                                 Biostatistician
## 43                                        //CA-Bay Area//  DATA SCIENTIST [ No C2C- 00 ]
## 44                                                                  Data Scientist
## 45                         Lead Node.js Software Engineer / Architect (up to $160k, 1% equity)
## 46                                                                         Modeler
## 47                                          Adobe Insights Analyst  (#1065-MH2444)
## 48                                                                Datalab Engineer
## 49                                                             Sr. Quant Developer
## 50                                                            full stack developer
##                                 company           location       date
## 1                             CyberCoders          Boise, ID 2016-10-23
## 2                     McHenry County College  Crystal Lake, IL 2016-10-20
## 3            Embedded Resource Group, Inc Mountain View, CA 2016-10-21
## 4                             CyberCoders    Los Angeles, CA 2016-10-23
## 5                                   BCBSM        Detroit, MI 2016-10-23
## 6                               ConsultAdd         Dallas, TX 2016-10-20
## 7                     Nueva Solutions, Inc.   Jersey City, NJ 2016-10-21
## 8                             CyberCoders     Washington, DC 2016-10-23
## 9                             CyberCoders     San Carlos, CA 2016-10-23
## 10                        Tufts University        Medford, MA 2016-10-19
## 11                            CyberCoders       Bellevue, WA 2016-10-23
## 12                            CyberCoders      Lexington, MA 2016-10-23
## 13                    Futures Group IT LLC.       New York, NY 2016-10-21
## 14                            CyberCoders San Francisco, CA 2016-10-23
## 15                            CyberCoders        Raleigh, NC 2016-10-23
## 16                RMS Computer Corporation           Tampa, FL 2016-10-21
## 17                            CyberCoders      Millbrook, AL 2016-10-23
## 18                                  BCBSM        Detroit, MI 2016-10-23
## 19                        BCBSAZ Advantage        Phoenix, AZ 2016-10-13
## 20               MatchPoint Consulting Group          Wayne, PA 2016-10-21
## 21                     Adi WorldLink, LLC     Richardson, TX 2016-10-21
## 22                            CyberCoders      San Diego, CA 2016-10-23
## 23            Software Engineering Institute    Pittsburgh, PA 2016-10-03
## 24                    reTECH Solutions Inc.           elgin, IL 2016-10-20
## 25                        Konnect Partners   Jersey City, NJ 2016-09-28
## 26                            CyberCoders    Los Angeles, CA 2016-10-23
## 27               Principle Solutions Group        Roswell, GA 2016-10-12
## 28            Louisiana Economic Development         Monroe, LA 2016-10-11
## 29 MBA IT Consulting Services, Inc.    Fort Worth, TX 2016-10-21
## 30               Hexagon Talent Capital       SAN RAMON, CA 2016-10-22
```

```
## 31              Request Technology, LLC        Chicago, IL 2016-10-10
## 32                 MEDLINE INDUSTRIES        Mundelein, IL 2016-10-23
## 33                       Asquare.com          Malta, NY 2016-10-19
## 34                       CyberCoders          Provo, UT 2016-10-23
## 35                       CyberCoders         Dallas, TX 2016-10-23
## 36    Louisiana Economic Development  Baton Rouge, LA 2016-10-18
## 37                 Precision Systems       New York, NY 2016-10-23
## 38     Mavensoft Technologies, LLC       Hillsboro, OR 2016-09-29
## 39    Louisiana Economic Development  Baton Rouge, LA 2016-10-18
## 40    Louisiana Economic Development  Bossier City, LA 2016-10-18
## 41                  Lawrence Harvey San Francisco, CA 2016-10-21
## 42            ICON Technical Network          Denver, CO 2016-10-05
## 43                              PMC         Belmont, CA 2016-10-21
## 44                 Genesys Infotech Mountain View, CA 2016-10-22
## 45                Skyrocket Ventures San Francisco, CA 2016-10-20
## 46                     Title Source         Detroit, MI 2016-10-17
## 47           Moorecroft Systems Inc.   Los Angeles, CA 2016-10-21
## 48                  Experian Limited      San Diego, CA 2016-10-23
## 49                         Collabera   Jersey City, NJ 2016-10-21
## 50                    Indoor Reality        berkeley, CA 2016-10-21
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## 3        http://www.dice.com/job/result/cybercod/MM4-131728634?src=19
## 4        http://www.dice.com/job/result/cybercod/CK-126744844?src=19
## 5          http://www.dice.com/job/result/veredus/1066198-524?src=19
## 6   http://www.dice.com/job/result/cybercod/AS3-NLPDataScientist5?src=19
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## 8        http://www.dice.com/job/result/cybercod/RE1-131749333?src=19
## 9        http://www.dice.com/job/result/cybercod/CK-132002824?src=19
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## 13       http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 14       http://www.dice.com/job/result/cybercod/QH1-13237959?src=19
```

```
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## 17 http://www.dice.com/job/result/cybercod/SCE-ImageProcessing4?src=19
## 18                     http://www.dice.com/job/result/esi/40047-170?src=19
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## 21          http://www.dice.com/job/result/cybercod/BC3-131932126?src=19
## 22           http://www.dice.com/job/result/cybercod/PA1-13253533?src=19
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##                                                                jobTitle
## 1                                             Supplier Quality Engineer
## 2               Sr IT Project ManagerPortfolio Management)- Immediate HIRE
## 3                  Sr. Cisco UC Solutions Engineer - Regional Voice Engineer
## 4                Cisco Network / Security Solutions Engineer - South Region
## 5                                                          Data Analyst
## 6                              Data Scientist- NLP (Must have)/ Python
## 7                                                   senior data analyst
## 8                            Materials Engineer Chemical/Paints/Coatings
## 9              Lead Cisco Network Security / Wireless Consulting Engineer
## 10                                          Associate Portfolio Manager
## 11                                                     Research Analyst
## 12                                              SAP PP/PI Business Analyst
## 13                                 Data Scientist - Junior-Senior Levels!
## 14                     Sr. .NET Developer (Full Stack) - CASUAL STARTUP!!
## 15                        MDM Architect_____Visionary type resource only
## 16                                   Scientific Software Specialist and BA
## 17           Senior Software Engineer - Image Processing - 100% REMOTE
```

```
## 18                              Senior Business Analyst - R&D
## 19       Data Scientist - Data Modeling/Analytics, Machine Learning
## 20                                          Big Data Analyst
## 21             EMC Lab Manager - Come lead our team to Success!
## 22             Technical Data Analyst - Python, Ruby SQL or R -
## 23                                    Project Manager (Level I)
## 24                                             Data Scientist
## 25                        Bioinformatics Programmer Analyst
## 26                                    Python Quant Developer
## 27              Graphic Designer (1 day onsite/ Rest remote)
## 28                            Data Scientist (Computer Vision)
## 29                                         Financial Analyst
## 30       Sr. Software Engineer- Python - Python, R, JavaScript
## 31            CCIE / Sr. Cisco UC Consulting Engineer - Atlanta
## 32                       Ad Revenue Data Analyst | Data Analyst
## 33 CCIE / CCVP level UC Solutions Engineering roles across the U.S.
## 34                                   Quantitative Developer C++
## 35                                          Python  Developer
## 36                                     Accounting Specialist
## 37                                             Data Scientist
## 38               Product Development Operations Analyst
## 39       Senior R Programmer - Start Up Financial Services Company
## 40                                              Data Engineer
## 41              Senior SAS Financial Programmer/Analyst
## 42                                   Computational Linguist
## 43                                 Senior Big Data Architect
## 44                                        Software Developer
## 45                                          Mobile Architect
## 46                                DIGITAL ANALYTICS MANAGER
## 47                      Hardware Testing_ Project Manager
## 48                                 Manager SAP FICO / SCM
## 49                              Marketing Analytics Director
## 50                                    Geospatial Programmer
##                             company        location       date
## 1                       KDS Staffing    Des Plaines, IL 2016-10-01
## 2          Park Computer Systems, Inc     Sunnyvale, CA 2016-10-21
## 3                         CyberCoders       Houston, TX 2016-10-23
## 4                         CyberCoders       Memphis, TN 2016-10-23
## 5                             Veredus        McLean, VA 2016-10-23
## 6                         CyberCoders      Berkeley, CA 2016-10-23
## 7                      A2C Consulting    englewood, CO 2016-10-23
## 8                         CyberCoders        Ithaca, NY 2016-10-23
## 9                         CyberCoders   Los Angeles, CA 2016-10-23
## 10                     DIVERSANT, LLC.     New York, NY 2016-10-20
## 11                       Calsoft Labs    Menlo Park, CA 2016-10-21
## 12                       Meadows Group     Milwaukee, WI 2016-10-19
## 13                        CyberCoders   Los Angeles, CA 2016-10-23
## 14                        CyberCoders       Seattle, WA 2016-10-23
## 15                Vbeyond Corporation         Miami, FL 2016-10-21
## 16 CSI (Consultant Specialists Inc.)     Brentwood, CA 2016-10-21
## 17                        CyberCoders        Boston, MA 2016-10-23
## 18                    Harvey Nash USA   Lake Forest, IL 2016-10-23
## 19                        CyberCoders San Francisco, CA 2016-10-23
## 20                             Xconic      San Jose, CA 2016-10-07
```

```
## 21                            CyberCoders Mount Prospect, IL 2016-10-23
## 22                            CyberCoders     Washington, DC 2016-10-23
## 23           U.S. Tech Solutions Inc.        Hartford, CT 2016-10-19
## 24          Encore Software Services         Oakland, CA 2016-10-21
## 25                            PT Systems    FOSTER CITY, CA 2016-10-19
## 26          Open Systems Technologies         New York, NY 2016-10-17
## 27                       Acclaim Systems        Roseland, NJ 2016-10-21
## 28                            CyberCoders         Seattle, WA 2016-10-23
## 29                        DIVERSANT, LLC.      New York, NY 2016-10-20
## 30                            CyberCoders     Culver City, CA 2016-10-23
## 31                            CyberCoders         Atlanta, GA 2016-10-23
## 32                                Prosum   Century City, CA 2016-10-21
## 33                            CyberCoders           Miami, FL 2016-10-23
## 34                          Matlen Silver        Chicago, IL 2016-10-11
## 35                             Collabera Temple Terrace, FL 2016-10-19
## 36                   Network Objects Inc.         Frisco, TX 2016-10-21
## 37          Proactive Technical Services      Palo Alto, CA 2016-10-20
## 38                        Vaco - Phoenix     Scottsdale, AZ 2016-10-23
## 39                            CyberCoders Salt Lake City, UT 2016-10-23
## 40                       Tufts University        Medford, MA 2016-10-19
## 41              Accentuate IT Solutions     WASHINGTON, DC 2016-10-20
## 42                   NTREPID CORPORATION          Herndon, VA 2016-09-23
## 43           Daugherty Business Solutions     Saint Louis, MO 2016-10-17
## 44                 Integrity Consulting          Durham, NC 2016-10-17
## 45                            Atika Tech     Scottsdale, AZ 2016-10-17
## 46                       Intelecox Inc.        stamford, CT 2016-10-20
## 47                 Aspire Systems, Inc.       Cupertino, CA 2016-10-21
## 48                       JetBlue Airways          Queens, NY 2016-10-05
## 49                      Lawrence Harvey   Los Angeles, CA 2016-10-21
## 50                     n-Link Corporation            Bend, OR 2016-10-18

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## 3 http://www.dice.com/job/result/RTX1aa143/16226BR?src=19
## 4   http://www.dice.com/job/result/10167781/741466?src=19
## 5  http://www.dice.com/job/result/itca001/16-08400?src=19
## 6 http://www.dice.com/job/result/RTX1a8d6e/4728051?src=19
##                            jobTitle          company
```

```
## 1                              Developer               Ciber
## 2  Internal Communication Coordinator          INFOMATICS
## 3 Storage and Virtualization Engineer             KeyCorp
## 4                 Marketing Specialist XPAND Corporation
## 5                      Program Manager              Ascent
## 6 Computational Linguist/NLP Engineer Icarus Lived, LLC
##                location        date
## 1          Bellevue, WA 2016-10-23
## 2 Farmington Hills, MI 2016-10-21
## 3          Brooklyn, OH 2016-10-20
## 4           Herndon, VA 2016-10-18
## 5         Englewood, CO 2016-10-23
## 6          New York, NY 2016-10-07

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##
## $resultItemList
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## 3     http://www.dice.com/job/result/cybercod/AW2-1262657129?src=19
## 4       http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
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## 19             http://www.dice.com/job/result/amazon20/421626?src=19
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## 21      http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
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## 42                      http://www.dice.com/job/result/10166591/2460?src=19
## 43                      http://www.dice.com/job/result/tricom/743744?src=19
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## 49                    http://www.dice.com/job/result/10302956/579839?src=19
## 50                    http://www.dice.com/job/result/RTL109178/736994?src=19
## 
                                                                    jobTitle
## 1                              Assured Boot Team - Software Engineer 4
## 2                                                       Java Developer
## 3                     Senior Data Scientist - Machine Learning, Python, C/C++
## 4                          Research Engineer - Python, Machine Learning,
## 5                                                   Full Stack Developer
## 6                                          Business Intelligence Engineer
## 7                     Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 8                                                Cloud- Software Engineer
## 9                                                 DevOps Operations Manager
## 10                                                         Systems Engineer
## 11                                                  Engineer Aeronautical 2
## 12                                              Director of Talent Engineering
## 13                                            Vulnerability assessment testing
## 14                              Big Data Software Engineer / Data Architect III
## 15                                                  Lead Systems Administrator
## 16              Digital Design Verification Lead - Ethernet -Start-up and More!
## 17           Software Development Engineer - Cambridge, MA - Alexa Machine Learning
## 18                        Security Infrastructure Architect Juniper/PaloAlto/Fortinet
## 19                                  Quality Assurance Engineer - Amazon Business
## 20                                            Data Scientist - JOIN A GROWING TEAM!
## 21                                                             Data Scientist
## 22                                                          Software Engineer
## 23                                                 Network Security Engineer
## 24                              Senior Software Engineer, Numerical Simulations
```

331

```
## 25                                                            SW Engineer (I&T) 2/3
## 26           Multiple Positions: Python, C# Reporting, API Dev, Ab Initio, VB.Net
## 27                                                                  Data Scientist
## 28                                                          Sr. Big Data Engineer
## 29                                                             Openstack Engineer
## 30                                                  Data Center Support Engineer
## 31                                                    Software Developer - Dev Ops
## 32              Linux Wizard (Kernel Tuning / 10G Offload Engines) for NYC Startup
## 33                                                       Fullstack Ruby Developer
## 34                        DevOps Cloud Support Engineer - Amazon Web Services
## 35                                                       Sr Java Engineer/Developer
## 36                                                     Site Reliability Engineer
## 37                                                            C++ Linux Developer
## 38                                                  6901-Sr. Software Engineer
## 39 Software Development Engineer - Cambridge, MA Machine Learning and Speech - Echo
## 40                                                              Sr. Data Engineer
## 41                                                     QA Engineer (Amazon Music)
## 42                                                              Dev Ops Engineer
## 43                                                 Sr Software Engineer Data Analyst
## 44                                                              Big Data Engineer
## 45                          Release/DevOps/Configuration Management Professional
## 46                                                 TERN VMS Software Engineer 2
## 47                        DevOps Engineer - Linux, MySQL, Python, shell script
## 48                                                    Mid-Level Systems Engineer
## 49                                                 Big - Fast Data Engineer (Plano)
## 50                                              Front end/ Full Stack Developer
##                            company            location        date
## 1              NORTHROP GRUMMAN Annapolis Junction, MD 2016-10-22
## 2   Bebee Affinity Social Network            Houston, TX 2016-10-23
## 3                    CyberCoders          Palo Alto, CA 2016-10-23
## 4                    CyberCoders          San Mateo, CA 2016-10-23
## 5         Techgene Solutions LLC            Houston, TX 2016-10-19
## 6                    CyberCoders       Redwood City, CA 2016-10-23
## 7                    CyberCoders      San Francisco, CA 2016-10-23
## 8                        Experis         Richardson, TX 2016-10-23
## 9                        Amazon           Herndon, VA 2016-10-19
## 10        Robert Half Technology              Plano, TX 2016-10-23
## 11              NORTHROP GRUMMAN          San Diego, CA 2016-10-22
## 12                   CyberCoders        Los Angeles, CA 2016-10-23
## 13                Net2Source Inc.    FORT LAUDERDALE, FL 2016-10-20
## 14                The Judge Group       West Boston, MA 2016-10-23
## 15                      Deloitte          Hermitage, TN 2016-10-23
## 16                   CyberCoders         Pittsburgh, PA 2016-10-23
## 17                        Amazon          Cambridge, MA 2016-10-19
## 18              Case Interactive           New York, NY 2016-10-20
## 19                        Amazon             Austin, TX 2016-10-19
## 20                   CyberCoders          Cambridge, MA 2016-10-23
## 21               Mitchell Martin    Long Island City, NY 2016-10-23
## 22          Randstad Technologies               Cary, NC 2016-10-23
## 23             kCura Corporation            Chicago, IL 2016-10-23
## 24                    Mice Groups           Campbell, CA 2016-10-21
## 25              NORTHROP GRUMMAN             Aurora, CO 2016-10-22
## 26                  UVS Infotech        Wilmington, DE 2016-09-29
## 27                        Amazon          Cambridge, MA 2016-10-19
```

```
## 28              Skalenow Inc.      San Francisco, CA 2016-10-21
## 29            The Judge Group        Southlake, TX 2016-10-23
## 30                    Amazon          Herndon, VA 2016-10-19
## 31                      Volt        San Diego, CA 2016-10-23
## 32       Gambit Technologies        New York, NY 2016-10-23
## 33                   Elevano        New York, NY 2016-10-20
## 34                    Amazon          Dallas, TX 2016-10-19
## 35           Valiantica, Inc      Menlo Park, CA 2016-10-19
## 36             Genuent, LLC        New York, NY 2016-10-23
## 37    Harmer Consultants, Inc.         Chicago, IL 2016-10-06
## 38          The Norland Group         Anaheim, CA 2016-10-23
## 39                    Amazon       Cambridge, MA 2016-10-23
## 40         Mumba Technologies       Los Gatos, CA 2016-10-07
## 41                    Amazon    San Francisco, CA 2016-10-19
## 42             Meadows Group     Bloomington, MN 2016-10-19
## 43   TriCom Technical Services         Hopkins, MN 2016-10-20
## 44       Booz Allen Hamilton        Arlington, VA 2016-10-23
## 45            DatamanUSA, LLC         Fairfax, VA 2016-10-17
## 46          NORTHROP GRUMMAN        San Diego, CA 2016-10-22
## 47               CyberCoders       Sunnyvale, CA 2016-10-23
## 48                      Taos        San Jose, CA 2016-10-20
## 49               Capital One           Plano, TX 2016-10-17
## 50                 VLink Inc          Denver, CO 2016-10-21

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##                                                              detailUrl
## 1        http://www.dice.com/job/result/cybercod/AW2-1262657129?src=19
## 2         http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 3                http://www.dice.com/job/result/10123851/4839?src=19
## 4         http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 5         http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
## 6              http://www.dice.com/job/result/10117979/161777?src=19
## 7         http://www.dice.com/job/result/cybercod/NR3-13246585?src=19
## 8              http://www.dice.com/job/result/entca005/742964?src=19
## 9  http://www.dice.com/job/result/cybercod/AS3-NLPDataScientist5?src=19
## 10               http://www.dice.com/job/result/usts/447713?src=19
## 11        http://www.dice.com/job/result/cybercod/NG-13250414?src=19
```

```
## 12                    http://www.dice.com/job/result/compun/743064?src=19
## 13         http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 14         http://www.dice.com/job/result/cybercod/LS3-131423447?src=19
## 15          http://www.dice.com/job/result/cybercod/SM7-13242456?src=19
## 16          http://www.dice.com/job/result/cybercod/JD8-13253463?src=19
## 17          http://www.dice.com/job/result/cybercod/AW2-13244365?src=19
## 18                 http://www.dice.com/job/result/10217156/584828?src=19
## 19 http://www.dice.com/job/result/cybercod/SCE-ImageProcessing4?src=19
## 20         http://www.dice.com/job/result/cybercod/BS3-132299711?src=19
## 21                 http://www.dice.com/job/result/10444937/728036?src=19
## 22         http://www.dice.com/job/result/10110872/7819_Java_CHI?src=19
## 23                 http://www.dice.com/job/result/90752961/575645?src=19
## 24                       http://www.dice.com/job/result/usts/112938?src=19
## 25            http://www.dice.com/job/result/10497505/7381610122?src=19
## 26        http://www.dice.com/job/result/cybercod/BC2-1278839115?src=19
## 27              http://www.dice.com/job/result/RTX173fad/4729484?src=19
## 28         http://www.dice.com/job/result/cybercod/NG-131927726?src=19
## 29                 http://www.dice.com/job/result/10118015/736948?src=19
## 30                 http://www.dice.com/job/result/NEXIL001/744390?src=19
## 31                 http://www.dice.com/job/result/10331486/AK_HNJ?src=19
## 32         http://www.dice.com/job/result/cybercod/KG1-13241906?src=19
## 33              http://www.dice.com/job/result/RTX1ba580/4727041?src=19
## 34        http://www.dice.com/job/result/cybercod/BS3-1301209106?src=19
## 35         http://www.dice.com/job/result/cybercod/SM7-131271154?src=19
## 36                 http://www.dice.com/job/result/10518778/20161179?src=19
## 37                 http://www.dice.com/job/result/10112142/730775?src=19
## 38                 http://www.dice.com/job/result/gatpa001/132846?src=19
## 39                 http://www.dice.com/job/result/90767798/734247?src=19
## 40         http://www.dice.com/job/result/10110872/7320_LMSBB_MSN?src=19
## 41                 http://www.dice.com/job/result/10110565/NLPLead?src=19
## 42         http://www.dice.com/job/result/cybercod/JG2-13245665?src=19
## 43         http://www.dice.com/job/result/cybercod/AW1-131141760?src=19
## 44                 http://www.dice.com/job/result/10494547/668254?src=19
## 45                   http://www.dice.com/job/result/btpart/743730?src=19
## 46                 http://www.dice.com/job/result/10367383/705336?src=19
## 47            http://www.dice.com/job/result/10115369/106689-219?src=19
## 48         http://www.dice.com/job/result/cybercod/NNG-131835631?src=19
## 49         http://www.dice.com/job/result/cybercod/KK1-132147118?src=19
## 50          http://www.dice.com/job/result/cybercod/BB7-13245445?src=19
##                                                              jobTitle
## 1              Senior Data Scientist - Machine Learning, Python, C/C++
## 2                        Research Engineer - Python, Machine Learning,
## 3                                      Mechanical Design Engineer (4839r)
## 4                Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 5                                Data Scientist - JOIN A GROWING TEAM!
## 6                                                        DevOps Engineer
## 7                                              Backend Engineer - Python
## 8                Data Scientist - Hadoop,hive,Scala,Machine Learning
## 9                              Data Scientist- NLP (Must have)/ Python
## 10                                                    Algorithm Engineer
## 11                    Electrical Project Engineer - Industrial Machinery
## 12 Need : Deep Learning Specialist, Santa Clara or Sunnyvale CA (ONLY LO
## 13                                Data Scientist - Junior-Senior Levels!
## 14     Sr. Data Infrastructure Engineer- VC Backed, Healthcare Startup!
```

334

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## 15                        Senior Data Scientist - Big Data/Software Hybrid!!
## 16                            Search Engineer - Ruby, Elastic Search
## 17                        Senior Data Engineer- Java, Python, Scala
## 18                                             Azure Cloud Engineer
## 19          Senior Software Engineer - Image Processing - 100% REMOTE
## 20          Data Scientist - Data Modeling/Analytics, Machine Learning
## 21                                                  Big Data Analyst
## 22                                    Full-Stack Architect/Developer
## 23                                              Saba Business Analyst
## 24                                       Database Optimizer Engineer
## 25                       Senior Developer (Java or Scala or C++ or C#)
## 26                          Data Scientist - Enterprise Intelligence
## 27                                      Technical Support Specialist
## 28                                    Sr Machine Learning Scientist
## 29                          Wi-Fi Lead Software Engineer at Novi MI
## 30                          ZenDesk LMS Help Desk Representative - R
## 31                                                    Data Scientist
## 32          Software Engineer - Smart Home Connectivity Startup
## 33                                        Senior Systems Architect
## 34      Lead Computer Vision Engineer -- Machine Learning, Data Science
## 35                Big Data Scientist - Insurance/Banking Industry!!
## 36                                          Computational Linguist
## 37                                            Sr.Business Analyst
## 38                                          Learning Coordinator
## 39                                        Instructional Designer
## 40                    LMS Developer - Blackboard - direct-hire!
## 41 Lead Sotware Engineers, Software Architects - 70/30 coding leadership
## 42                                    Lead Data Scientist (SAS, SAP)
## 43                        Mechanical Engineer - Design and Development
## 44          Data Scientist (Applied Researcher) - Inperson Interview
## 45                                                    .Net Developer
## 46                                                     Staff Engineer
## 47                          Instructional Designer and Developer
## 48      Senior Data Scientist- Socially Conscious Company - Downtown LA
## 49                        Data Scientist - Fraud detection technology!
## 50                    REMOTE - Software Engineer - Image Processing
##                          company            location        date
## 1               CyberCoders       Palo Alto, CA 2016-10-23
## 2               CyberCoders       San Mateo, CA 2016-10-23
## 3   Embedded Resource Group, Inc San Francisco, CA 2016-10-20
## 4               CyberCoders San Francisco, CA 2016-10-23
## 5               CyberCoders       Cambridge, MA 2016-10-23
## 6           Experian Limited       Franklin, TN 2016-10-23
## 7               CyberCoders       Ann Arbor, MI 2016-10-23
## 8         Enterprise Solutions     Sunnyvale, CA 2016-10-19
## 9               CyberCoders        Berkeley, CA 2016-10-23
## 10     U.S. Tech Solutions Inc.   Bridgewater, NJ 2016-10-19
## 11              CyberCoders       Lone Tree, CO 2016-10-23
## 12 Compunnel Software Group Inc.   Santa Clara, CA 2016-10-19
## 13              CyberCoders     Los Angeles, CA 2016-10-23
## 14              CyberCoders San Francisco, CA 2016-10-23
## 15              CyberCoders       New York, NY 2016-10-23
## 16              CyberCoders       Palo Alto, CA 2016-10-23
## 17              CyberCoders       Palo Alto, CA 2016-10-23
```

```
## 18                        MagTek      Seal Beach, CA 2016-10-21
## 19                   CyberCoders          Boston, MA 2016-10-23
## 20                   CyberCoders San Francisco, CA 2016-10-23
## 21                       Xconic        San Jose, CA 2016-10-07
## 22                     TeamSoft         Chicago, IL 2016-10-21
## 23                        Sedaa       Palo Alto, CA 2016-10-17
## 24     U.S. Tech Solutions Inc.     Santa Clara, CA 2016-10-20
## 25                  Alans Group        New York, NY 2016-10-21
## 26                   CyberCoders    Sherman Oaks, CA 2016-10-23
## 27                  S&A Systems        Rockwall, TX 2016-10-07
## 28                   CyberCoders      San Carlos, CA 2016-10-23
## 29              First Tek, Inc.            Novi, MI 2016-10-14
## 30             Next Step Systems         Chicago, IL 2016-10-21
## 31   Proactive Technical Services      Palo Alto, CA 2016-10-20
## 32                   CyberCoders    Redwood City, CA 2016-10-23
## 33                         MedU         Hanover, NH 2016-10-20
## 34                   CyberCoders     Santa Clara, CA 2016-10-23
## 35                   CyberCoders          Austin, TX 2016-10-23
## 36            NTREPID CORPORATION        Herndon, VA 2016-09-23
## 37                 Ensoftek Inc          Salem, OR 2016-10-10
## 38                      Mastech         Oakland, CA 2016-10-23
## 39     Patriot Talent Solutions       Knoxville, TN 2016-10-13
## 40                     TeamSoft         Madison, WI 2016-10-21
## 41                 Bivium Group       Cambridge, MA 2016-10-22
## 42                   CyberCoders         Houston, TX 2016-10-23
## 43                   CyberCoders          Horton, MI 2016-10-23
## 44             BayOne Solutions        San Jose, CA 2016-09-23
## 45         Brandywine Technology     Wilmington, DE 2016-10-19
## 46               Prolific Minds        San Jose, CA 2016-10-21
## 47               Vaco - Nashville         Dublin, OH 2016-10-23
## 48                   CyberCoders     Los Angeles, CA 2016-10-23
## 49                   CyberCoders        Bellevue, WA 2016-10-23
## 50                   CyberCoders         Waltham, MA 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 577
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=R+Language&city=&text=&ip=&d
##
## $resultItemList
##                                                        detailUrl
## 1              http://www.dice.com/job/result/10414693/RS-4164?src=19
```

```
##  2                              http://www.dice.com/job/result/cybercod/DA3-131800525?src=19
##  3                              http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
##  4                                http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
##  5                              http://www.dice.com/job/result/10379201/JOS000000726?src=19
##  6                                  http://www.dice.com/job/result/90954551/745800?src=19
##  7                                  http://www.dice.com/job/result/90962129/720455?src=19
##  8  http://www.dice.com/job/result/mrteblok/345792364571164785634875684?src=19
##  9                                     http://www.dice.com/job/result/park/PS091316?src=19
## 10                              http://www.dice.com/job/result/cybercod/MM4-131728634?src=19
## 11                              http://www.dice.com/job/result/cybercod/CK-126744844?src=19
## 12                               http://www.dice.com/job/result/veredus/1066198-524?src=19
## 13         http://www.dice.com/job/result/cybercod/AS3-NLPDataScientist5?src=19
## 14                              http://www.dice.com/job/result/10275036/denba2016?src=19
## 15                              http://www.dice.com/job/result/cybercod/RE1-131749333?src=19
## 16                               http://www.dice.com/job/result/compexpr/579726?src=19
## 17                                  http://www.dice.com/job/result/90966007/744599?src=19
## 18                              http://www.dice.com/job/result/cybercod/CK-132002824?src=19
## 19                               http://www.dice.com/job/result/infotny/16-12809CA?src=19
## 20                              http://www.dice.com/job/result/10114742/FB-MPRA3138?src=19
## 21                                   http://www.dice.com/job/result/10166591/2399?src=19
## 22                               http://www.dice.com/job/result/accperny/117900188?src=19
## 23                                     http://www.dice.com/job/result/mcgrp/seks?src=19
## 24                              http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 25                              http://www.dice.com/job/result/cybercod/QH1-13237959?src=19
## 26                                  http://www.dice.com/job/result/10209652/729621?src=19
## 27                                   http://www.dice.com/job/result/10427070/MF120?src=19
## 28                              http://www.dice.com/job/result/cybercod/NC1-130597985?src=19
## 29                              http://www.dice.com/job/result/10106409/SciSoft-4493616?src=19
## 30         http://www.dice.com/job/result/cybercod/SCE-ImageProcessing4?src=19
## 31                                  http://www.dice.com/job/result/10117361/654239?src=19
## 32                                   http://www.dice.com/job/result/esi/40047-170?src=19
## 33                              http://www.dice.com/job/result/RTL471029/UNI0000N?src=19
## 34                                   http://www.dice.com/job/result/10226510/1720?src=19
## 35                              http://www.dice.com/job/result/cybercod/BS3-132299711?src=19
## 36                                  http://www.dice.com/job/result/10507526/115717?src=19
## 37                                  http://www.dice.com/job/result/10444937/728036?src=19
## 38                              http://www.dice.com/job/result/cybercod/BC3-131932126?src=19
## 39                              http://www.dice.com/job/result/cybercod/PA1-13253533?src=19
## 40                                    http://www.dice.com/job/result/usts/652361?src=19
## 41                                  http://www.dice.com/job/result/10115152/745347?src=19
## 42                                  http://www.dice.com/job/result/70000126/248351?src=19
## 43                                  http://www.dice.com/job/result/10267832/707351?src=19
## 44                              http://www.dice.com/job/result/10376147/a20160901TX?src=19
## 45                               http://www.dice.com/job/result/10114734/ATE201610?src=19
## 46                                   http://www.dice.com/job/result/opensyst/31678?src=19
## 47                                  http://www.dice.com/job/result/80124661/725014?src=19
## 48                               http://www.dice.com/job/result/acclaim/ACC-NJ-GD?src=19
## 49                              http://www.dice.com/job/result/cybercod/JP13-13254063?src=19
## 50                                  http://www.dice.com/job/result/10516067/887788?src=19
##                                                                            jobTitle
## 1                                              Mainframe Programmer Analyst
## 2                                            Business Intelligence Engineer
## 3       Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 4                                                Java / Big Data Developer
```

```
## 5                                       Supplier Quality Engineer
## 6                                 C/Unix Technical Lead & Developer
## 7                                     Software Development Manager
## 8                              Software Systems Engineer and Consultant
## 9              Sr IT Project ManagerPortfolio Management)- Immediate HIRE
## 10             Sr. Cisco UC Solutions Engineer - Regional Voice Engineer
## 11             Cisco Network / Security Solutions Engineer - South Region
## 12                                                        Data Analyst
## 13                            Data Scientist- NLP (Must have)/ Python
## 14                                                senior data analyst
## 15                          Materials Engineer Chemical/Paints/Coatings
## 16                                                   Software Engineer
## 17                                                Application Developer
## 18             Lead Cisco Network Security / Wireless Consulting Engineer
## 19                                          Associate Portfolio Manager
## 20                                                     Research Analyst
## 21                                          SAP PP/PI Business Analyst
## 22                                        Java Developer Great Opportunity!
## 23                                                   Software Engineer
## 24                                Data Scientist - Junior-Senior Levels!
## 25                Sr. .NET Developer (Full Stack) - CASUAL STARTUP!!
## 26                        MDM Architect_____Visionary type resource only
## 27 Full Time Role - EDI Software Developer position in Springfield OR
## 28                                        Jr. DevOps Engineer - Linux
## 29                              Scientific Software Specialist and BA
## 30              Senior Software Engineer - Image Processing - 100% REMOTE
## 31                                            ETL DEVELOPER POSITION
## 32                                    Senior Business Analyst - R&D
## 33                              Associate Systems Automation Engineer
## 34                              Software Development Engineer in Test
## 35              Data Scientist - Data Modeling/Analytics, Machine Learning
## 36                                            Software Engineer-Java
## 37                                                   Big Data Analyst
## 38                EMC Lab Manager - Come lead our team to Success!
## 39                Technical Data Analyst - Python, Ruby SQL or R -
## 40                                          Project Manager (Level I)
## 41                                                      Data Scientist
## 42                        Senior Information Security Data Analyst
## 43                              Bioinformatics Programmer Analyst
## 44          Java Websphere Application Developer Programmer Austin Texas
## 45              Automation Test Engineer - 10+ yrs experience must
## 46                                             Python Quant Developer
## 47                                          Software Engineer Analyst
## 48                Graphic Designer (1 day onsite/ Rest remote)
## 49                              Data Scientist (Computer Vision)
## 50                                                   Python Developer
##                                 company           location        date
## 1  Magna Systems International, Inc.       Atlanta, GA 2016-10-03
## 2                          CyberCoders   Redwood City, CA 2016-10-23
## 3                          CyberCoders  San Francisco, CA 2016-10-23
## 4                  Xoriant Corporation        Bristol, CT 2016-10-21
## 5                        KDS Staffing     Des Plaines, IL 2016-10-01
## 6                       Zoom Tech Corp     Parsippany, NJ 2016-10-20
## 7                   Apple Leisure Group        Addison, TX 2016-10-02
```

```
## 8            ISIS Papyrus America, Inc.        Southlake, TX 2016-09-23
## 9            Park Computer Systems, Inc         Sunnyvale, CA 2016-10-21
## 10                        CyberCoders             Houston, TX 2016-10-23
## 11                        CyberCoders             Memphis, TN 2016-10-23
## 12                            Veredus               McLean, VA 2016-10-23
## 13                        CyberCoders            Berkeley, CA 2016-10-23
## 14                     A2C Consulting           englewood, CO 2016-10-23
## 15                        CyberCoders              Ithaca, NY 2016-10-23
## 16                     The CEI Group              Camden, NJ 2016-10-20
## 17             Stored Value Solutions          Louisville, KY 2016-10-20
## 18                        CyberCoders         Los Angeles, CA 2016-10-23
## 19                    DIVERSANT, LLC.            New York, NY 2016-10-20
## 20                       Calsoft Labs          Menlo Park, CA 2016-10-21
## 21                      Meadows Group           Milwaukee, WI 2016-10-19
## 22                    Access Staffing            New York, NY 2016-10-21
## 23        Midwest Consulting Group, Inc.     Overland Park, KS 2016-10-23
## 24                        CyberCoders         Los Angeles, CA 2016-10-23
## 25                        CyberCoders             Seattle, WA 2016-10-23
## 26                Vbeyond Corporation               Miami, FL 2016-10-21
## 27 Endure Technology Solutions, Inc.         Springfield, OR 2016-10-21
## 28                        CyberCoders          Alpharetta, GA 2016-10-23
## 29 CSI (Consultant Specialists Inc.)         Brentwood, CA 2016-10-21
## 30                        CyberCoders              Boston, MA 2016-10-23
## 31               Confidential Company         collegeville, PA 2016-10-10
## 32                   Harvey Nash USA          Lake Forest, IL 2016-10-23
## 33                         Prudential            Roseland, NJ 2016-10-23
## 34                Dimensional Thinking             Atlanta, GA 2016-10-04
## 35                        CyberCoders       San Francisco, CA 2016-10-23
## 36                   West Corporation               Omaha, NE 2016-10-23
## 37                             Xconic            San Jose, CA 2016-10-07
## 38                        CyberCoders      Mount Prospect, IL 2016-10-23
## 39                        CyberCoders          Washington, DC 2016-10-23
## 40             U.S. Tech Solutions Inc.          Hartford, CT 2016-10-19
## 41            Encore Software Services            Oakland, CA 2016-10-21
## 42               Federal Reserve Bank             Chicago, IL 2016-10-23
## 43                          PT Systems       FOSTER CITY, CA 2016-10-19
## 44                        ArnAmy, Inc.              Austin, TX 2016-09-28
## 45                       Isoftech Inc            Manassas, VA 2016-10-21
## 46            Open Systems Technologies          New York, NY 2016-10-17
## 47 Fresno County Office of Education             Fresno, CA 2016-10-05
## 48                    Acclaim Systems            Roseland, NJ 2016-10-21
## 49                        CyberCoders             Seattle, WA 2016-10-23
## 50            SpikeIT Global Solutions          Brooklyn, NY 2016-10-20
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 5978
##
## $firstDocument
## [1] 1
```

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## 
## $lastDocument
## [1] 50
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## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Big+Data&city=&text=&ip=&dice
## 
## $resultItemList
##                                                                    detailUrl
## 1   http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2                    http://www.dice.com/job/result/90941044/2401?src=19
## 3              http://www.dice.com/job/result/10115700c/514062?src=19
## 4               http://www.dice.com/job/result/ccetx001/744146?src=19
## 5     http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6              http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 7        http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 8         http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 9      http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 10             http://www.dice.com/job/result/10360631/736240?src=19
## 11             http://www.dice.com/job/result/10175336/747098?src=19
## 12                http://www.dice.com/job/result/cybersea/5599?src=19
## 13             http://www.dice.com/job/result/10516063/632028?src=19
## 14           http://www.dice.com/job/result/RTX1ba594/4727297?src=19
## 15        http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 16            http://www.dice.com/job/result/aces/00020175051?src=19
## 17             http://www.dice.com/job/result/matrixga/113029?src=19
## 18             http://www.dice.com/job/result/10412228/675018?src=19
## 19     http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
## 20             http://www.dice.com/job/result/amazon20/383051?src=19
## 21                  http://www.dice.com/job/result/ndi/564851?src=19
## 22             http://www.dice.com/job/result/10334594/815961?src=19
## 23             http://www.dice.com/job/result/matrixga/117153?src=19
## 24     http://www.dice.com/job/result/90739239/Prashant_DataC?src=19
## 25     http://www.dice.com/job/result/90769273/Tgdatascientist?src=19
## 26             http://www.dice.com/job/result/ngitbot/16018044?src=19
## 27          http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 28          http://www.dice.com/job/result/10111370/MSSXDBINY?src=19
## 29     http://www.dice.com/job/result/cybercod/RN2-131934622?src=19
## 30      http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
## 31             http://www.dice.com/job/result/10422157/735765?src=19
## 32               http://www.dice.com/job/result/10125226/5531?src=19
## 33                http://www.dice.com/job/result/cxcsc/2188700?src=19
## 34             http://www.dice.com/job/result/10457740/483409?src=19
## 35              http://www.dice.com/job/result/10441189/25458?src=19
## 36         http://www.dice.com/job/result/90881180/IZJPC0002?src=19
## 37              http://www.dice.com/job/result/apexsan/731257?src=19
## 38             http://www.dice.com/job/result/10287522/580167?src=19
## 39              http://www.dice.com/job/result/paracomp/MDMml?src=19
## 40        http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
## 41   http://www.dice.com/job/result/10466845/02710-0008857239?src=19
## 42      http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
## 43             http://www.dice.com/job/result/cxjudgpa/508966?src=19
## 44             http://www.dice.com/job/result/gatpa001/131419?src=19
## 45             http://www.dice.com/job/result/10121374/PB-SrQA?src=19
```

```
## 46            http://www.dice.com/job/result/10110894/SEV170?src=19
## 47            http://www.dice.com/job/result/msyca001/740342?src=19
## 48            http://www.dice.com/job/result/90969990/738031?src=19
## 49            http://www.dice.com/job/result/10323494/687149?src=19
## 50               http://www.dice.com/job/result/atitx/737313?src=19
##                                                              jobTitle
## 1                                             Business/Systems Analyst
## 2                                                    Wireless Engineer
## 3                                                  Full Stack Developer
## 4                                                    Big Data Consultant
## 5              Data Modeler III - Business Intelligence Architect
## 6                                                      Security Analyst
## 7                                        Solutions Architect - E-commerce
## 8                            Research Engineer - Python, Machine Learning,
## 9                                                  Senior Data Engineer
## 10                        Fullstack developer with big data Technologies
## 11                            Business Analyst--Healthcare--Long Beach CA
## 12                                                        WCS Architect
## 13                                       SQL BI/ETL Developer - Canton, OH
## 14                                                   Senior Data Analyst
## 15         Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 16                                        Enterprise Architect - Manager
## 17                                          BUSINESS SYSTEMS CONSULTANT
## 18                                                 IT Operations manager
## 19 Software Engineer - Programming, Blockchain Technology, bitcoin
## 20                                              Security Systems Engineer
## 21                                                            Oracle DBA
## 22                                          Clinical Annotator- data mining
## 23                                       Associate Technician-Baseline (Net)
## 24                                             Data Cap/FileNet Developer
## 25                                                        Data scientist
## 26                                                Engineer Aeronautical 2
## 27                                              Java / Big Data Developer
## 28              Developer Business Intelligence(**DIRECT CLIENT**)
## 29           Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 30    Test Data Engineer - Relaxed environment and awesome culture!
## 31                                              Regional Account Executive
## 32                                                    Business Analyst I
## 33                                                       .NET Developer
## 34            Senior Project Manager - Data Center Migrations
## 35                                                 Developer III - ETL
## 36                                          .Net BigData Scala Developer
## 37                                                          Data Modeler
## 38                                                  Solutions Architect
## 39 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 40                              Data Scientist - JOIN A GROWING TEAM!
## 41                                                    Category Manager
## 42                                                       Data Scientist
## 43                                             Manager, Data Engineering
## 44                              Netezza Data Warehouse Senior DBA
## 45                                                    Senior QA Engineer
## 46                                             Oracle PL/SQL Developer
## 47                                          Big Data Integration Engineer
## 48              Energy Systems Administrator - Sioux Falls, SD
```

341

```
## 49                                        Big Data / ETL/DB Developer
## 50                              Director Infrastructure Engineering
##                               company              location        date
## 1                                Volt        Jersey City, NJ 2016-10-23
## 2                     Wizard Staff, Inc          Irvine, CA 2016-10-17
## 3                 Randstad Technologies          Austin, TX 2016-10-23
## 4                 Automation Image Inc.          Irving, TX 2016-10-20
## 5                          Fannie Mae      Washington, DC 2016-10-23
## 6                         Tentek, Inc.          Seattle, WA 2016-09-30
## 7                            TeamSoft          Madison, WI 2016-10-21
## 8                          CyberCoders       San Mateo, CA 2016-10-23
## 9                               Agile          Atlanta, GA 2016-10-23
## 10                   Neuro Systems Inc.       Sunnyvale, CA 2016-10-14
## 11              Sedna Consulting Group      Long Beach, CA 2016-10-23
## 12                    Cybersearch, Ltd.          Austin, TX 2016-10-19
## 13 TapRoot Recruiting Solutions, Inc.          Canton, OH 2016-10-23
## 14                             Infodym         Herndon, VA 2016-10-06
## 15                         CyberCoders   San Francisco, CA 2016-10-23
## 16       Cognizant Technology Solutions        Hartford, CT 2016-10-23
## 17                    Matrix Resources        Charlotte, NC 2016-10-23
## 18                            Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 19                         CyberCoders        Palo Alto, CA 2016-10-23
## 20                              Amazon        Boardman, OR 2016-10-19
## 21                              eclaro          atlanta, GA 2016-09-26
## 22               Javen Technologies, Inc   Taylorsville, UT 2016-10-19
## 23                    Matrix Resources    Fort Stockton, TX 2016-10-23
## 24      22nd Century Technologies, Inc.        Lansing,, MI 2016-10-21
## 25          Infogium Technologies, LLC        Charlotte, NC 2016-09-26
## 26                    NORTHROP GRUMMAN        San Diego, CA 2016-10-22
## 27                 Xoriant Corporation         Bristol, CT 2016-10-21
## 28                 XCEL Solutions Corp.        NEW YORK, NY 2016-10-23
## 29                         CyberCoders          Nashua, NH 2016-10-23
## 30                         CyberCoders           Boise, ID 2016-10-23
## 31                          PeerSource         Chicago, IL 2016-10-20
## 32                           JDC Group                     2016-10-23
## 33                                 CSC          Isabela, PR 2016-10-23
## 34                David Kenneth Group        Annapolis, MD 2016-10-18
## 35              Fidelis Care New York        Rochester, NY 2016-10-23
## 36                                Zen3          Redmond, WA 2016-10-21
## 37                   Apex Systems, Inc        Roseland, NJ 2016-10-11
## 38                    HD Supply, Inc.          Atlanta, GA 2016-10-11
## 39              Paragon Solutions Inc.        Cranford, NJ 2016-10-21
## 40                         CyberCoders       Cambridge, MA 2016-10-23
## 41                  The Creative Group    Saddle River, NJ 2016-10-23
## 42                    Mitchell Martin Long Island City, NY 2016-10-23
## 43                    The Judge Group      Burlington, MA 2016-10-23
## 44                            Mastech Saint Petersburg, FL 2016-10-23
## 45          AAJ Interactive Technologies     Springfield, VA 2016-10-18
## 46              Maxima Consulting Inc          Boston, MA 2016-10-20
## 47                          MSYS Inc.   San Francisco, CA 2016-10-23
## 48        Missouri River Energy Services      Des Moines, IA 2016-10-18
## 49              Horizon International         Danbury, CT 2016-10-20
## 50                 Amer Technology, Inc          Austin, TX 2016-10-21
```

```
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 92
##
## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Statistics&city=&text=&ip=&d
##
## $resultItemList
##                                                              detailUrl
## 1                    http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
## 2                       http://www.dice.com/job/result/RTX151f11/564446?src=19
## 3                          http://www.dice.com/job/result/10123851/4929?src=19
## 4                  http://www.dice.com/job/result/cybercod/NNG-119917245?src=19
## 5                     http://www.dice.com/job/result/10114776/SMA00005?src=19
## 6                       http://www.dice.com/job/result/10504871/261274?src=19
## 7                       http://www.dice.com/job/result/10359170/744741?src=19
## 8                  http://www.dice.com/job/result/cybercod/SM7-131394431?src=19
## 9                   http://www.dice.com/job/result/cybercod/NG-131927726?src=19
## 10                      http://www.dice.com/job/result/RTL941989/723113?src=19
## 11                 http://www.dice.com/job/result/cybercod/KK1-132147118?src=19
## 12                 http://www.dice.com/job/result/cybercod/RE1-131004266?src=19
## 13                  http://www.dice.com/job/result/10294672/TD_C#_Quantdev?src=19
## 14 http://www.dice.com/job/result/cybercod/SJ2-HeadOfAnalytics-1020165?src=19
## 15                 http://www.dice.com/job/result/cybercod/OH1-13245385?src=19
## 16                          http://www.dice.com/job/result/gsc/16-01252n?src=19
## 17                 http://www.dice.com/job/result/cybercod/KSK-126801727?src=19
## 18                    http://www.dice.com/job/result/10114776/ENT0000E?src=19
## 19                 http://www.dice.com/job/result/90969740/BUS-16-00013?src=19
## 20                     http://www.dice.com/job/result/10427675/JE-C-DS?src=19
## 21                     http://www.dice.com/job/result/10118594/707936?src=19
## 22                 http://www.dice.com/job/result/cybercod/SM7-131392150?src=19
## 23                    http://www.dice.com/job/result/SOFTENG/2001624?src=19
## 24                    http://www.dice.com/job/result/80124351/724941?src=19
## 25                    http://www.dice.com/job/result/90767815/675141?src=19
## 26                 http://www.dice.com/job/result/cybercod/NNG-123041272?src=19
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## 29                  http://www.dice.com/job/result/10115382/D1389-TX03?src=19
## 30                    http://www.dice.com/job/result/90929784/RS2898?src=19
## 31                    http://www.dice.com/job/result/napil006/JWTC++?src=19
## 32                  http://www.dice.com/job/result/10116711/PUR010013?src=19
## 33                     http://www.dice.com/job/result/ASQUARE/734222?src=19
## 34                  http://www.dice.com/job/result/cybercod/SK-130626082?src=19
```

```
## 35                    http://www.dice.com/job/result/cybercod/SM7-131443446?src=19
## 36                        http://www.dice.com/job/result/90833617/740905?src=19
## 37                         http://www.dice.com/job/result/precisn/3032DI?src=19
## 38                    http://www.dice.com/job/result/10230037/MSPAC0010?src=19
## 39                        http://www.dice.com/job/result/90833617/740922?src=19
## 40                        http://www.dice.com/job/result/90833617/700446?src=19
## 41                        http://www.dice.com/job/result/10333482/722357?src=19
## 42                          http://www.dice.com/job/result/10474433/3128?src=19
## 43                        http://www.dice.com/job/result/10341964/556699?src=19
## 44               http://www.dice.com/job/result/10119083/DataScienceRsi?src=19
## 45                        http://www.dice.com/job/result/10366547/616375?src=19
## 46                        http://www.dice.com/job/result/90864850/345745?src=19
## 47                         http://www.dice.com/job/result/10111403/JO1968?src=19
## 48                        http://www.dice.com/job/result/10117979/162114?src=19
## 49              http://www.dice.com/job/result/10208346H/2412_Ora_NJ?src=19
## 50                 http://www.dice.com/job/result/RTX1bab91/4744141?src=19
##                                                                        jobTitle
## 1                    Test Data Engineer - Relaxed environment and awesome culture!
## 2                                                          Senior Data Analyst
## 3                                                  Test Software Engineer (4929)
## 4                                            Data Scientist - Junior-Senior Levels!
## 5                                     Supervisor, Rating and Underwriting Consultant
## 6                                          Entry Level Data Analyst/ Fresh Graduate
## 7                                    Need SAS Financial Data Analyst - Immediate Need
## 8                              Technical Product Manager -Cyber Security Sector!!
## 9                                                    Sr Machine Learning Scientist
## 10                                                                  Data Engineer
## 11                                       Data Scientist - Fraud detection technology!
## 12                                                    Machine Learning Scientist
## 13                                              Lead C# Quant Developer - ETF Trading
## 14                              Head of Data Analytics - use big data for the greater good!
## 15                            Data Scientist - Machine Learning, C/C++, Active Filtering
## 16                                                     AML Optimization Statistician
## 17                                              Mechanical Engineer - Boiler Design
## 18                                                             Actuarial Analyst I
## 19                                                    Business Intelligence Analyst
## 20                                                                 Data Scientist
## 21                                                    Process innovation Manager
## 22                             Technical Product Manager -Cyber Security Sector!!
## 23                                            Machine Learning Research Scientist
## 24                                          Success Advocate (tech support / trainer)
## 25                                                          Algo Quant Strategist
## 26                                                            Lead Data Scientist
## 27                                                          Sr. R&D Statistician
## 28                                                           Lead Java Developer
## 29 ETL Pipeline Developer (with Statistics, Data Science, Bayesian Modeling)(relo provided)
## 30                                                          Deep Learning Expert
## 31                                                                 C++ Developer
## 32                                             Supply Chain Analyst - SQL Programmer
## 33                                                               Process Engineer
## 34                                            Data Scientist - Sales Platform - RELO
## 35                             Technical Product Manager -Cyber Security Sector!!
## 36                                                              Business Analyst
## 37        Sr. Data Scientist - Machine Learning, Python, R, Predictive Analytics / Big Data
```

```
## 38                                                                Data Analyst
## 39                                                             Business Analyst
## 40                             Quality Assurance Specialist (SRF 1804) Seat #970
## 41                                                         Quantitative Analyst
## 42                                                              Biostatistician
## 43                             //CA-Bay Area//  DATA SCIENTIST [ No C2C- 00 ]
## 44                                                               Data Scientist
## 45                     Lead Node.js Software Engineer / Architect (up to $160k, 1% equity)
## 46                                                                      Modeler
## 47                                        Adobe Insights Analyst  (#1065-MH2444)
## 48                                                             Datalab Engineer
## 49                                                          Sr. Quant Developer
## 50                                                          full stack developer
## company              location        date
## 1                        CyberCoders        Boise, ID 2016-10-23
## 2                McHenry County College  Crystal Lake, IL 2016-10-20
## 3        Embedded Resource Group, Inc Mountain View, CA 2016-10-21
## 4                        CyberCoders   Los Angeles, CA 2016-10-23
## 5                             BCBSM        Detroit, MI 2016-10-23
## 6                         ConsultAdd        Dallas, TX 2016-10-20
## 7                Nueva Solutions, Inc.  Jersey City, NJ 2016-10-21
## 8                        CyberCoders    Washington, DC 2016-10-23
## 9                        CyberCoders    San Carlos, CA 2016-10-23
## 10                   Tufts University       Medford, MA 2016-10-19
## 11                       CyberCoders      Bellevue, WA 2016-10-23
## 12                       CyberCoders     Lexington, MA 2016-10-23
## 13                Futures Group IT LLC.    New York, NY 2016-10-21
## 14                       CyberCoders San Francisco, CA 2016-10-23
## 15                       CyberCoders       Raleigh, NC 2016-10-23
## 16            RMS Computer Corporation        Tampa, FL 2016-10-21
## 17                       CyberCoders     Millbrook, AL 2016-10-23
## 18                             BCBSM        Detroit, MI 2016-10-23
## 19                    BCBSAZ Advantage      Phoenix, AZ 2016-10-13
## 20            MatchPoint Consulting Group        Wayne, PA 2016-10-21
## 21                Adi WorldLink, LLC   Richardson, TX 2016-10-21
## 22                       CyberCoders     San Diego, CA 2016-10-23
## 23        Software Engineering Institute Pittsburgh, PA 2016-10-03
## 24               reTECH Solutions Inc.        elgin, IL 2016-10-20
## 25                   Konnect Partners  Jersey City, NJ 2016-09-28
## 26                       CyberCoders   Los Angeles, CA 2016-10-23
## 27           Principle Solutions Group      Roswell, GA 2016-10-12
## 28    Louisiana Economic Development       Monroe, LA 2016-10-11
## 29 MBA IT Consulting Services, Inc.   Fort Worth, TX 2016-10-21
## 30            Hexagon Talent Capital     SAN RAMON, CA 2016-10-22
## 31            Request Technology, LLC      Chicago, IL 2016-10-10
## 32                 MEDLINE INDUSTRIES     Mundelein, IL 2016-10-23
## 33                        Asquare.com        Malta, NY 2016-10-19
## 34                       CyberCoders         Provo, UT 2016-10-23
## 35                       CyberCoders        Dallas, TX 2016-10-23
## 36    Louisiana Economic Development   Baton Rouge, LA 2016-10-18
## 37                   Precision Systems     New York, NY 2016-10-23
## 38        Mavensoft Technologies, LLC    Hillsboro, OR 2016-09-29
## 39    Louisiana Economic Development   Baton Rouge, LA 2016-10-18
## 40    Louisiana Economic Development  Bossier City, LA 2016-10-18
```

```
## 41                       Lawrence Harvey San Francisco, CA 2016-10-21
## 42            ICON Technical Network         Denver, CO 2016-10-05
## 43                               PMC        Belmont, CA 2016-10-21
## 44               Genesys Infotech Mountain View, CA 2016-10-22
## 45              Skyrocket Ventures San Francisco, CA 2016-10-20
## 46                      Title Source        Detroit, MI 2016-10-17
## 47          Moorecroft Systems Inc.   Los Angeles, CA 2016-10-21
## 48                 Experian Limited      San Diego, CA 2016-10-23
## 49                        Collabera   Jersey City, NJ 2016-10-21
## 50                   Indoor Reality       berkeley, CA 2016-10-21

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## $count
## [1] 5919
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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
##
## $nextUrl
## [1] "/api/rest/jobsearch/v1/simple.json?areacode=&country=&state=&skill=Data+Mining&city=&text=&ip=&
##
## $resultItemList
##                                                          detailUrl
## 1  http://www.dice.com/job/result/cxvolt/J3H5V761Q9Q7KDM8TD8?src=19
## 2                http://www.dice.com/job/result/90941044/2401?src=19
## 3            http://www.dice.com/job/result/10115700c/514062?src=19
## 4             http://www.dice.com/job/result/ccetx001/744146?src=19
## 5    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 6             http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 7      http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 8        http://www.dice.com/job/result/cybercod/SM1-13236699?src=19
## 9     http://www.dice.com/job/result/10112507/5262-28-MH1253?src=19
## 10            http://www.dice.com/job/result/10360631/736240?src=19
## 11            http://www.dice.com/job/result/10175336/747098?src=19
## 12              http://www.dice.com/job/result/cybersea/5599?src=19
## 13            http://www.dice.com/job/result/10516063/632028?src=19
## 14         http://www.dice.com/job/result/RTX1ba594/4727297?src=19
## 15     http://www.dice.com/job/result/cybercod/CD1-13241346?src=19
## 16          http://www.dice.com/job/result/aces/00020175051?src=19
## 17            http://www.dice.com/job/result/matrixga/113029?src=19
## 18            http://www.dice.com/job/result/10412228/675018?src=19
## 19    http://www.dice.com/job/result/cybercod/CS10-13255272?src=19
## 20           http://www.dice.com/job/result/amazon20/383051?src=19
## 21                http://www.dice.com/job/result/ndi/564851?src=19
## 22           http://www.dice.com/job/result/10334594/815961?src=19
## 23            http://www.dice.com/job/result/matrixga/117153?src=19
## 24    http://www.dice.com/job/result/90739239/Prashant_DataC?src=19
```

```
## 25       http://www.dice.com/job/result/90769273/Tgdatascientist?src=19
## 26              http://www.dice.com/job/result/ngitbot/16018044?src=19
## 27          http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 28           http://www.dice.com/job/result/10111370/MSSXDBINY?src=19
## 29     http://www.dice.com/job/result/cybercod/RN2-131934622?src=19
## 30      http://www.dice.com/job/result/cybercod/LC3-13248114?src=19
## 31              http://www.dice.com/job/result/10422157/735765?src=19
## 32                http://www.dice.com/job/result/10125226/5531?src=19
## 33                http://www.dice.com/job/result/cxcsc/2188700?src=19
## 34              http://www.dice.com/job/result/10457740/483409?src=19
## 35               http://www.dice.com/job/result/10441189/25458?src=19
## 36         http://www.dice.com/job/result/90881180/IZJPC0002?src=19
## 37             http://www.dice.com/job/result/apexsan/731257?src=19
## 38            http://www.dice.com/job/result/10287522/580167?src=19
## 39            http://www.dice.com/job/result/paracomp/MDMml?src=19
## 40      http://www.dice.com/job/result/cybercod/QH1-13256642?src=19
## 41  http://www.dice.com/job/result/10466845/02710-0008857239?src=19
## 42     http://www.dice.com/job/result/mitchmar1/MITCA000J694?src=19
## 43             http://www.dice.com/job/result/cxjudgpa/508966?src=19
## 44            http://www.dice.com/job/result/gatpa001/131419?src=19
## 45             http://www.dice.com/job/result/10121374/PB-SrQA?src=19
## 46             http://www.dice.com/job/result/10110894/SEV170?src=19
## 47             http://www.dice.com/job/result/msyca001/740342?src=19
## 48             http://www.dice.com/job/result/90969990/738031?src=19
## 49             http://www.dice.com/job/result/10323494/687149?src=19
## 50                http://www.dice.com/job/result/atitx/737313?src=19
##                                                            jobTitle
## 1                                          Business/Systems Analyst
## 2                                                 Wireless Engineer
## 3                                                Full Stack Developer
## 4                                                 Big Data Consultant
## 5              Data Modeler III - Business Intelligence Architect
## 6                                                   Security Analyst
## 7                                       Solutions Architect - E-commerce
## 8                        Research Engineer - Python, Machine Learning,
## 9                                                Senior Data Engineer
## 10             Fullstack developer with big data Technologies
## 11                    Business Analyst--Healthcare--Long Beach CA
## 12                                                     WCS Architect
## 13                              SQL BI/ETL Developer - Canton, OH
## 14                                                Senior Data Analyst
## 15       Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 16                                     Enterprise Architect - Manager
## 17                                       BUSINESS SYSTEMS CONSULTANT
## 18                                              IT Operations manager
## 19 Software Engineer - Programming, Blockchain Technology, bitcoin
## 20                                          Security Systems Engineer
## 21                                                        Oracle DBA
## 22                                     Clinical Annotator- data mining
## 23                                 Associate Technician-Baseline (Net)
## 24                                          Data Cap/FileNet Developer
## 25                                                     Data scientist
## 26                                            Engineer Aeronautical 2
## 27                                            Java / Big Data Developer
```

347

```
## 28                Developer Business Intelligence(**DIRECT CLIENT**)
## 29             Senior BI Developer - SQL, SSIS/SSAS, Data Warehouse
## 30   Test Data Engineer - Relaxed environment and awesome culture!
## 31                                       Regional Account Executive
## 32                                                Business Analyst I
## 33                                                     .NET Developer
## 34                Senior Project Manager - Data Center Migrations
## 35                                              Developer III - ETL
## 36                                       .Net BigData Scala Developer
## 37                                                       Data Modeler
## 38                                                Solutions Architect
## 39 Enterprise MDM Expert (Master/Big Data w/Consulting Experience)
## 40                             Data Scientist - JOIN A GROWING TEAM!
## 41                                                  Category Manager
## 42                                                     Data Scientist
## 43                                          Manager, Data Engineering
## 44                             Netezza Data Warehouse Senior DBA
## 45                                                 Senior QA Engineer
## 46                                          Oracle PL/SQL Developer
## 47                                     Big Data Integration Engineer
## 48             Energy Systems Administrator - Sioux Falls, SD
## 49                                        Big Data / ETL/DB Developer
## 50                             Director Infrastructure Engineering
##                                     company            location        date
## 1                                        Volt   Jersey City, NJ 2016-10-23
## 2                             Wizard Staff, Inc         Irvine, CA 2016-10-17
## 3                        Randstad Technologies         Austin, TX 2016-10-23
## 4                         Automation Image Inc.        Irving, TX 2016-10-20
## 5                                   Fannie Mae   Washington, DC 2016-10-23
## 6                                 Tentek, Inc.        Seattle, WA 2016-09-30
## 7                                     TeamSoft        Madison, WI 2016-10-21
## 8                                  CyberCoders    San Mateo, CA 2016-10-23
## 9                                        Agile        Atlanta, GA 2016-10-23
## 10                          Neuro Systems Inc.    Sunnyvale, CA 2016-10-14
## 11                       Sedna Consulting Group   Long Beach, CA 2016-10-23
## 12                             Cybersearch, Ltd.        Austin, TX 2016-10-19
## 13 TapRoot Recruiting Solutions, Inc.         Canton, OH 2016-10-23
## 14                                      Infodym        Herndon, VA 2016-10-06
## 15                                  CyberCoders   San Francisco, CA 2016-10-23
## 16       Cognizant Technology Solutions        Hartford, CT 2016-10-23
## 17                             Matrix Resources        Charlotte, NC 2016-10-23
## 18                                     Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 19                                  CyberCoders        Palo Alto, CA 2016-10-23
## 20                                       Amazon        Boardman, OR 2016-10-19
## 21                                       eclaro           atlanta, GA 2016-09-26
## 22                        Javen Technologies, Inc   Taylorsville, UT 2016-10-19
## 23                             Matrix Resources   Fort Stockton, TX 2016-10-23
## 24        22nd Century Technologies, Inc.        Lansing,, MI 2016-10-21
## 25            Infogium Technologies, LLC        Charlotte, NC 2016-09-26
## 26                             NORTHROP GRUMMAN        San Diego, CA 2016-10-22
## 27                          Xoriant Corporation           Bristol, CT 2016-10-21
## 28                          XCEL Solutions Corp.        NEW YORK, NY 2016-10-23
## 29                                  CyberCoders        Nashua, NH 2016-10-23
## 30                                  CyberCoders            Boise, ID 2016-10-23
```

348

```
## 31                              PeerSource            Chicago, IL 2016-10-20
## 32                               JDC Group                        2016-10-23
## 33                                     CSC            Isabela, PR 2016-10-23
## 34                     David Kenneth Group          Annapolis, MD 2016-10-18
## 35                   Fidelis Care New York          Rochester, NY 2016-10-23
## 36                                    Zen3            Redmond, WA 2016-10-21
## 37                       Apex Systems, Inc           Roseland, NJ 2016-10-11
## 38                        HD Supply, Inc.            Atlanta, GA 2016-10-11
## 39                  Paragon Solutions Inc.          Cranford, NJ 2016-10-21
## 40                             CyberCoders          Cambridge, MA 2016-10-23
## 41                       The Creative Group      Saddle River, NJ 2016-10-23
## 42                         Mitchell Martin Long Island City, NY 2016-10-23
## 43                         The Judge Group         Burlington, MA 2016-10-23
## 44                                  Mastech Saint Petersburg, FL 2016-10-23
## 45              AAJ Interactive Technologies       Springfield, VA 2016-10-18
## 46                  Maxima Consulting Inc            Boston, MA 2016-10-20
## 47                               MSYS Inc.     San Francisco, CA 2016-10-23
## 48            Missouri River Energy Services      Des Moines, IA 2016-10-18
## 49                  Horizon International           Danbury, CT 2016-10-20
## 50                    Amer Technology, Inc            Austin, TX 2016-10-21
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
## \API_COUNT.csv", : appending column names to file

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## $firstDocument
## [1] 1
##
## $lastDocument
## [1] 50
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##                                                              detailUrl
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## 3            http://www.dice.com/job/result/RTX10a021/4741205?src=19
## 4            http://www.dice.com/job/result/10115700c/514062?src=19
## 5             http://www.dice.com/job/result/10113218/14228?src=19
## 6             http://www.dice.com/job/result/10444819/TO537?src=19
## 7             http://www.dice.com/job/result/ccetx001/744146?src=19
## 8    http://www.dice.com/job/result/rippblok/1954_1492_48187?src=19
## 9              http://www.dice.com/job/result/tgsnj/122149?src=19
## 10           http://www.dice.com/job/result/tentekgl/JS12388?src=19
## 11           http://www.dice.com/job/result/10115700c/511704?src=19
## 12     http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 13       http://www.dice.com/job/result/appblok/2537_oDDO3fwR?src=19
## 14           http://www.dice.com/job/result/RTX197508/635374?src=19
```

```
## 15         http://www.dice.com/job/result/cybercod/BW4-13240327?src=19
## 16              http://www.dice.com/job/result/solpart/AK-ASRD?src=19
## 17              http://www.dice.com/job/result/apexsan/701488?src=19
## 18            http://www.dice.com/job/result/RTL484689/1600552?src=19
## 19               http://www.dice.com/job/result/10105838/13574?src=19
## 20     http://www.dice.com/job/result/cybercod/DA3-131800525?src=19
## 21              http://www.dice.com/job/result/10472966/743083?src=19
## 22              http://www.dice.com/job/result/10299717/726574?src=19
## 23        http://www.dice.com/job/result/10124418/FDSDB52516?src=19
## 24               http://www.dice.com/job/result/cxcrstff/49784?src=19
## 25              http://www.dice.com/job/result/iconma/ENG23473?src=19
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## 27               http://www.dice.com/job/result/infnj003/RV_03?src=19
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## 39  http://www.dice.com/job/result/rhalfint/04310-9500196638?src=19
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## 41                http://www.dice.com/job/result/trasys/741738?src=19
## 42              http://www.dice.com/job/result/amazon20/452728?src=19
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## 44          http://www.dice.com/job/result/xorca001/JavaBD1001?src=19
## 45        http://www.dice.com/job/result/kforcecx/ITEQG1561886?src=19
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##                                                                jobTitle
## 1                                                               SQL DBA
## 2                                              Business/Systems Analyst
## 3                             Application Development System Administrator
## 4                                                    Full Stack Developer
## 5                                                     IT Business Analyst
## 6                        Software Development Engineer - Visual Studio/C#
## 7                                                     Big Data Consultant
## 8                        Data Modeler III - Business Intelligence Architect
## 9                                                  IT Software Developer IV
## 10                                                        Security Analyst
## 11                                            Senior Application Developer
## 12                                             Solutions Architect - E-commerce
## 13                                                      Reporting Analyst
## 14                                                Business Systems Analyst
## 15                              .NET Software Developer - Asp.Net, C# and SQL
## 16                                                SSRS Reports Developer Mid
## 17                                                            Data Analyst
```

```
## 18                                          Computer Engineer Job
## 19                                               Java Developer
## 20                                    Business Intelligence Engineer
## 21                                Business Objects Architect / Lead role
## 22                                        Oracle Database Developer
## 23                                            Jr. SQL Server DBA
## 24                                          SQL Developer- eDiscovery
## 25                              Production/Application Support Engineer
## 26                                             Software Engineer
## 27                                             TeraData Developer
## 28                                    SQL BI/ETL Developer - Canton, OH
## 29                              Oracle PL/SQL Developer----only local to CO
## 30                                        Senior Developer/Architect
## 31                                             Support Engineer 3
## 32                                          Java PL/SQL Developer
## 33                      Senior Data Engineer - Perl/Python, Kafka - SF, $175K DOE
## 34                                            SSIS ETL Developer
## 35                                        BUSINESS SYSTEMS CONSULTANT
## 36                                          IT Operations manager
## 37                                          Oracle DBA (Local Only)
## 38                                  Campaign Database Business Analyst
## 39                                      Application Support Analyst
## 40                                         Sr. Java Web Developer
## 41                                             help desk analyst
## 42                                        Technical Program Manager
## 43                              Database Technical Manager (Oracle 11g / 12c)
## 44                                        Java / Big Data Developer
## 45                                             Liferay Consultant
## 46                                            Senior BI Developer
## 47                                       COTS Integration Engineer
## 48 ETL with SQL / Informatica / SQL /  Sybase / Oracle @ Oaks,PA (Need Local Consultant)
## 49                          Developer Business Intelligence(**DIRECT CLIENT**)
## 50                                      Software Developer--AngularJS/.NET
##                            company            location       date
## 1           TekStream Solutions, LLC      Calverton, MD 2016-10-13
## 2                              Volt      Jersey City, NJ 2016-10-23
## 3                       Acumen, LLC      Burlingame, CA 2016-10-18
## 4               Randstad Technologies         Austin, TX 2016-10-23
## 5           CorSource Technology Group     VANCOUVER, WA 2016-10-21
## 6                        Davinci Tek     Murray Hill, NJ 2016-10-11
## 7             Automation Image Inc.         Irving, TX 2016-10-20
## 8                        Fannie Mae     Washington, DC 2016-10-23
## 9         Tekmark Global Solutions LLC     New Albany, OH 2016-10-18
## 10                      Tentek, Inc.        Seattle, WA 2016-09-30
## 11              Randstad Technologies                 OH 2016-10-23
## 12                          TeamSoft        Madison, WI 2016-10-21
## 13                Marine Credit Union      La Crosse, WI 2016-10-23
## 14                       BillingTree        Phoenix, AZ 2016-10-19
## 15                        CyberCoders       San Jose, CA 2016-10-23
## 16            Solution Partners, Inc.       Glenview, IL 2016-10-20
## 17                  Apex Systems, Inc       Richmond, VA 2016-10-04
## 18                             Itron     West Union, SC 2016-10-23
## 19          Rita Technology Services   St. Petersburg, FL 2016-10-21
## 20                        CyberCoders     Redwood City, CA 2016-10-23
```

```
## 21               Conquest IT Consulting        Providence, RI 2016-10-20
## 22    OPTiMO Information Technology LLC          Manassas, VA 2016-10-06
## 23 Systems Technology Group Inc. (STG)          Dearborn, MI 2016-10-16
## 24                             s.com            Stamford, CT 2016-10-21
## 25                            ICONMA            O Fallon, MO 2016-10-13
## 26              Robert Half Technology           Houston, TX 2016-10-23
## 27              Infinity Tech Group Inc         San Jose, CA 2016-10-12
## 28  TapRoot Recruiting Solutions, Inc.           Canton, OH 2016-10-23
## 29             Cignus Solutions LLC              Denver, CO 2016-10-20
## 30                  Citizant, Inc.          Washington, DC 2016-10-23
## 31                      UnifyCloud             Redmond, WA 2016-10-22
## 32                        Veredus            Evanston, IL 2016-10-23
## 33                     CyberCoders       San Francisco, CA 2016-10-23
## 34                 The Judge Group  Saint Petersburg, FL 2016-10-23
## 35                Matrix Resources         Charlotte, NC 2016-10-23
## 36                       Uniqsoft   Woodcliff Lake, NJ 2016-10-21
## 37    Paramount Software Solutions, Inc          Atlanta, GA 2016-10-12
## 38                     Kforce Inc.            Detroit, MI 2016-10-22
## 39          Robert Half Technology       Chesapeake, VA 2016-10-23
## 40                     Atika Tech          Milwaukee, WI 2016-10-19
## 41           Cohesion Consulting LLC          baltimore, MD 2016-10-18
## 42                         Amazon             Tempe, AZ 2016-10-19
## 43         Chatham Staffing, Inc.           Atlanta, GA 2016-10-23
## 44             Xoriant Corporation           Bristol, CT 2016-10-21
## 45                    Kforce Inc.              Miami, FL 2016-10-22
## 46                   Brillio, LLC          Redmond, WA 2016-10-11
## 47              HCL America Inc.          melbourne, FL 2016-10-17
## 48              HCL Global Systems               OAKS, PA 2016-10-21
## 49            XCEL Solutions Corp.          NEW YORK, NY 2016-10-23
## 50                    TMW Systems             Dallas, TX 2016-10-23
## Warning in write.table(Report, file = "C:\\Users\\TAX\\Desktop\
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## \API_COUNT.csv", : appending column names to file

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## 2          http://www.dice.com/job/result/ngitbot/16012143?src=19
## 3          http://www.dice.com/job/result/10118216/730469?src=19
## 4    http://www.dice.com/job/result/90940991/BBA000012816835?src=19
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## 5                    http://www.dice.com/job/result/gtt/16-01574?src=19
## 6              http://www.dice.com/job/result/10457621/STEVE1062?src=19
## 7                 http://www.dice.com/job/result/10507268/726791?src=19
## 8       http://www.dice.com/job/result/cybercod/AW2-1262657129?src=19
## 9                    http://www.dice.com/job/result/tgsnj/122149?src=19
## 10       http://www.dice.com/job/result/10110872/7918_Arch_MSN?src=19
## 11        http://www.dice.com/job/result/kforcecx/ITWQG1559083?src=19
## 12          http://www.dice.com/job/result/10309206/AD-9087-CA?src=19
## 13     http://www.dice.com/job/result/RTL119398/MWAA-16-11511?src=19
## 14            http://www.dice.com/job/result/ngitbot/16010288?src=19
## 15                http://www.dice.com/job/result/10217051/DAS?src=19
## 16            http://www.dice.com/job/result/10109301/741893?src=19
## 17            http://www.dice.com/job/result/10211487/743577?src=19
## 18     http://www.dice.com/job/result/tacman/Advantage_2588-28?src=19
## 19               http://www.dice.com/job/result/10105838/13574?src=19
## 20             http://www.dice.com/job/result/iconma/ENG23473?src=19
## 21             http://www.dice.com/job/result/amazon20/414776?src=19
## 22          http://www.dice.com/job/result/veredus/1066165-743?src=19
## 23            http://www.dice.com/job/result/10430432/26983550?src=19
## 24              http://www.dice.com/job/result/amazon20/387373?src=19
## 25            http://www.dice.com/job/result/10121331/741859?src=19
## 26     http://www.dice.com/job/result/cybercod/RN1-1256350130?src=19
## 27            http://www.dice.com/job/result/10506616/743224?src=19
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## 38            http://www.dice.com/job/result/cxjudgpa/502857?src=19
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## 45               http://www.dice.com/job/result/NETSO/9655?src=19
## 46            http://www.dice.com/job/result/amazon20/382766?src=19
## 47       http://www.dice.com/job/result/cybercod/DH1-13237399?src=19
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## 50            http://www.dice.com/job/result/10124613/1761?src=19
##                                                             jobTitle
## 1                                                   Sr. Java Developer
## 2                             Assured Boot Team - Software Engineer 4
## 3                                                        Mulesoft Lead
## 4                                                        Java Developer
## 5                                                 Integration Engineer
## 6              Software Engineer .NET  Fulltime / F2F Required Newark, CA
## 7                                             Java Developer- 4 Posiitons
```

```
## 8               Senior Data Scientist - Machine Learning, Python, C/C++
## 9                                             IT Software Developer IV
## 10                                       Solutions Architect - E-commerce
## 11                                     Lead Quality Assurance Software Tester
## 12                                                   Java Architect / SOA
## 13                                             Lead Web Developer (Drupal)
## 14                     Windows/Unix Systems Administrator 3 (Clearable to Secret)
## 15                                 Operation Developer - Software Engineer
## 16                                                   Full Stack Developer
## 17                                                        Sr. QA Engineer
## 18                                                    Java / J2EE Developer
## 19                                                        Java Developer
## 20                                     Production/Application Support Engineer
## 21                             Technical Program Manager, Core Engineering Team
## 22                                                   Java PL/SQL Developer
## 23                                                     Software Engineer
## 24                                             DevOps Operations Manager
## 25                                             Java UI Developer @ Irving,TX
## 26                         ServiceNow Developer/Analyst - Active Directory, IT
## 27                                                   Sr. Java Web Developer
## 28                                     Sr. Software Engineer, Dealer & OEM
## 29                                           Workday Integrations Consultant
## 30                                             Java / Big Data Developer
## 31                                             SR Java WebSphere Developer
## 32                                             COTS Integration Engineer
## 33                                                       Java Programmer
## 34                                       Software Developer--AngularJS/.NET
## 35                                             Senior Java/J2EE Developer
## 36                                       Java Strategy/Solution Architect
## 37                                         Vulnerability assessment testing
## 38                             Big Data Software Engineer / Data Architect III
## 39                         Software Development Engineer | Amazon Exports & Expansion
## 40                                             Engineer Software 3 (EDCSS)
## 41                                       Technical Architect - Java/J2EE
## 42                                       SAP ABAP/PI Solution Engineer
## 43                                                       Scala Developer
## 44 Brilliant Software Engineer (Java, C#) for Tech Driven Hedge Fund (150k-250k)
## 45                                             Java Technical Architect Lead
## 46             Software Development Engineer - Cambridge, MA - Alexa Machine Learning
## 47                                       Software Engineer in Test (C# or java)
## 48                     Weblogic Consultant With Java Background Exp. at West Chester, PA
## 49                                             Java Technical Architect
## 50                     Security Infrastructure Architect Juniper/PaloAlto/Fortinet
##                                 company                 location
## 1                     ZionTech Solutions          San Jose, CA
## 2                       NORTHROP GRUMAN Annapolis Junction, MD
## 3           Ultimo Software Solutions Inc.          San Jose, CA
## 4             Bebee Affinity Social Network          Houston, TX
## 5                 Global Technical Talent          Warwick, RI
## 6                         ScrumLink, Inc.          Newark, CA
## 7             Peak Technical Services, Inc.     New york city, NY
## 8                             CyberCoders          Palo Alto, CA
## 9             Tekmark Global Solutions LLC       New Albany, OH
## 10                                TeamSoft          Madison, WI
```

```
## 11                          Kforce Inc.        Scottsdale, AZ
## 12                               Finezi     San Francisco, CA
## 13 Metropolitan Washington Airports Authority      Arlington, VA
## 14                     NORTHROP GRUMMAN         San Diego, CA
## 15                          ITBMS Inc.           Detroit, MI
## 16               Techgene Solutions LLC          Houston, TX
## 17             Nextgen Technologies Inc.         Sunnyvale, CA
## 18                           Advantage          Charlotte, NC
## 19             Rita Technology Services    St. Petersburg, FL
## 20                              ICONMA          O Fallon, MO
## 21                              Amazon           Newark, NJ
## 22                             Veredus          Evanston, IL
## 23                   Talent Orchard LLC          Columbia, MD
## 24                              Amazon           Herndon, VA
## 25             Tata Consultancy Services           irving, TX
## 26                         CyberCoders          Palo Alto, CA
## 27                          Atika Tech           Milwaukee, WI
## 28                            Cargurus         Cambridge, MA
## 29                       CPSG Partners             Dallas, TX
## 30                 Xoriant Corporation           Bristol, CT
## 31                      Agreatis, Inc.         Pittsburgh, PA
## 32                    HCL America Inc.          melbourne, FL
## 33      Elegant Enterprise Wide Solutions          Lansing, MI
## 34                         TMW Systems             Dallas, TX
## 35                           IT Avalon    San Francisco, CA
## 36                 Zentek Infosoft Inc            chicago, IL
## 37                    Net2Source Inc.   FORT LAUDERDALE, FL
## 38                     The Judge Group      West Boston, MA
## 39                              Amazon             Austin, TX
## 40                    NORTHROP GRUMMAN            Omaha, NE
## 41                  UnitedHealth Group             Hyderabad
## 42                             Deloitte          Orlando, FL
## 43                     Synechron Inc.          Sterling, VA
## 44                 Gambit Technologies         New York, NY
## 45                     NetSource, Inc.      Wilkes Barre, PA
## 46                              Amazon         Cambridge, MA
## 47                         CyberCoders         Greenville, SC
## 48                        Damco Group      West Chester, PA
## 49                          Capgemini            Chicago, IL
## 50                    Case Interactive         New York, NY
##          date
## 1   2016-09-27
## 2   2016-10-22
## 3   2016-10-12
## 4   2016-10-23
## 5   2016-10-04
## 6   2016-10-21
## 7   2016-10-21
## 8   2016-10-23
## 9   2016-10-18
## 10  2016-10-21
## 11  2016-10-22
## 12  2016-10-12
## 13  2016-10-23
```

```
## 14 2016-10-22
## 15 2016-10-21
## 16 2016-10-19
## 17 2016-10-21
## 18 2016-10-23
## 19 2016-10-21
## 20 2016-10-13
## 21 2016-10-19
## 22 2016-10-23
## 23 2016-10-06
## 24 2016-10-19
## 25 2016-10-18
## 26 2016-10-23
## 27 2016-10-19
## 28 2016-10-23
## 29 2016-10-06
## 30 2016-10-21
## 31 2016-10-23
## 32 2016-10-17
## 33 2016-10-12
## 34 2016-10-23
## 35 2016-10-22
## 36 2016-10-21
## 37 2016-10-20
## 38 2016-10-23
## 39 2016-10-23
## 40 2016-10-22
## 41 2016-10-23
## 42 2016-10-23
## 43 2016-10-17
## 44 2016-10-23
## 45 2016-10-21
## 46 2016-10-19
## 47 2016-10-23
## 48 2016-10-21
## 49 2016-10-17
## 50 2016-10-20
```

Click on the text below to see the results in pdf file **DATA from LinkedIn.com and Dice.com**

# 3.Data CleaningData Analysis & Data Visualization

After scraping data from the relevant HTML text and attribute nodes from the above wesbites, our team perfromed necessary data cleaning and transformations. We perfromed downstream analysis and match character cases with tolower() and then using dplyr::distinct() with unique skills.The results are presented in the PDF file.

**Data Categories** We create a dictionary in which to classify skill between technical and non-technical. And in the non-technical defined five categories according to skill.

| Technical | Non-technical |
|---|---|
| Programming (R, Python, …) | Communication (presentation,..) |
| Stats/Math | Management (project management, ..) |

| Technical | Non-technical |
|---|---|
| DataBase | Soft skills (teamwork, collaborative,...) |
| Machine Learning | Human resources (develop people,...) |
| | Other (language, hobbies,...) |

**Findings**

Technical skills were found to be the most important data science skills, as we hope.Management is the most important non-technical skills followed by human resources and communication. Soft skills is last in importance for data science, from four.

**Future Research Steps and Spin-off Ideas**

1.Build a more robust profile successful data science skills taking into account

- job tenure
- seniority
- coverage in the press/visibility

2.What skills are needed for data scientists to go on and start the next uber or amazon?

3.Build a profile modeler, how you profile match to a job post?