RAVISHANKAR RAMAKRISHNAN

Adambakkam
Chennai, 600088

An Aspiring Data Scientist and Computer Science Engineer having 1.7 years Experience as Junior Data Scientist at a Talent Strategy Consulting firm and 1.10 years Overall. My expertise lies in performing Exploratory Data Analysis, Feature Engineering, Data Mining, Data Visualization, Predictive Modelling, Statistics and Natural Language Processing. My Functional Management expertise lies around Six Sigma, Corporate Strategy, Advanced Management techniques, Growth Hacking and Digital Marketing

EDUCATION

MTech BITS Pilani, Data Science and Engineering — Apr 2019 - Present
SUBJECTS: "Data Mining, Data Structures and Algorithms, Computer Organization and System Software, Math for Data Science"

BE Sathyabama University, Computer Science Engineering — June 2016
GPA: "6.57"

12TH New Prince, Computer Science — May 2012
PERCENTAGE: "62.58"

SKILLS

List of relevant Skills, Work Experience, Practical and Academic research done

Technical Tools
Python, R, SQL, Tableau, Scala, Spark, PySpark, Hadoop HDFS, Matlab, HTML, CSS, MEAN Stack, Apache Airflow etc.

Libraries
Numpy, Pandas, Scikit-learn, Matplotlib, Seaborn, Beautifulsoup, Selenium, Py2Exe, Plotly, NLTK, Spacy, Tensorflow, Pytorch, Re, Tidyr, Dplyr, GGPlot2, Lubridate, Caret, Tkinter etc

Management Skills
Design Thinking, Visual Thinking, Problem Solving, Decision Making, Presentation, Communication, Teamwork, Microsoft Office

Industrial Knowledge
Statistics, Digital Marketing, Project Management, Product Management, ERP (SAP), Agile, Scrum, Lean Six Sigma, Corporate and Business Strategy, Web Scraping, Growth Hacking

Technology
Data Science, Machine Learning, Deep Learning, Data Engineering, Big Data, Block chain.

PROFESSIONAL AFFILIATIONS

Bruhat Insights Global, 2018 - Present

Bruhat is an AIHR (Artificial Intelligence in Talent Strategy) company that utilizes artificial intelligence to make it easier for hiring corporates to not only effectively manage their people requirements, but also obtain actionable insights, to drive productivity and engagement.

Role: Junior Data Scientist

Responsibilities:

- Identifying and Analyzing data and patterns to drive optimization and improvement of Sales techniques and Business strategies
- Working with Profiling, Business Team, Sales and Marketing, Finance, Human Resources and IT teams to identify and analyze their potential problems, solutions and opportunities
- Was a part of Managing and Organizing the Launch of Bruhat, and a part of Managing Focus Group on Artificial Intelligence in Talent Acquisition
- Identifying opportunities to leverage data for Business solutions, finding Recruitment Patterns, Stats and Trends with data
- Used nltk, stemming and lemmatization to find Resume vs. Job Description similarity
- Performing Recommendations on Document and Resumes using Jaccard Similarity
- Data Analysis, Data Wrangling, Data Extraction, Exploratory Data Analysis
- Building Web Scraping tools to Scrape Webpages
- Performing EDA, Data Cleaning and Data Preprocessing and Prepared Training Datasets
- Building Data Visualizations with R, Python, and Tableau
- Performing Statistical Modelling, Data Analytics, Predictive Analysis, Predictive Analytics and Predictive Modelling, Text Cleaning and Document Clustering
- Working with Mid-Level and Senior-Level management to build an ERP for Internal purposes
- Was part of Strategy team in development of an Internal Software
- Used Regular Expression for Resume Parsing, Text data parsing and similarity analysis
- Developing Process tools to monitor and analyze performance and data accuracy
- Building new algorithms and process training
- Presenting Data Visualizations as per business needs with the Help of Tableau, Python and R
- Building Internal tools to drive business with Python, R and MEAN Stack.
- Creating Market Intelligence reports time to time
- Creating Internal tools for Process Improvement time to time

Awards Won:
Achiever Award, Outperformer Award

Hinduja Foundaries, 2017 - 2018

Hinduja Foundries is India's largest casting maker comes under Hinduja Group (Conglomerate Company), having around 2500 employees with a turnover of around 150 mil USD

Role: SAP Executive

Responsiblities:

- Worked of SAP FICO in HANA platform where I successfully processed 100's of ETL process and CRUD applications on SAP Database
- Created 1000's of Purchase Order, Sales Order, Vendor Data, General Ledger accounts, Product Routings etc., (Per Month).
- Worked on Document Creation/Reversal on SAP FI, Created and worked on SAP Database.
- Worked on Asset Management for Machine Shop, Pattern Shop., etc

REALTIME OFFICIAL PROJECTS

Analyzing the Internal Customers (Employee) data to find patterns on the Work they are doing, their Performance and the environment that is required to achieve them

Tools & Libraries: Python, R, Numpy, Pandas, Scikit-learn, Matplotlib, Plotly, dplyr, Stringr, lubridate, tidyr

Creating tools for Automating Monotonous Process to help employees to concentrate their time on Strategy oriented works and not on repeated work which helped them in boosting their Morale and bringing Revenue to the firm (WebScraping)

Tools & Libraries: Python, R, Numpy, Pandas, re, beautifulsoup, Selenium, time

Created a Ticketing System for Internal Usage with MongoDB, Express, Angular and Nodejs. Built Client data collection form and Candidate engagement form with HTML5, CSS, MySQL 8.0 and PHP

Tools: HTML, CSS, Angular, MongoDB, Express, Nodejs, Microsoft VS Code

Analyzing the External Customers (Candidate) data to find patterns among them, by Clustering, Analyzing and Predicting a Target based on the Clustering Group they are. It was a Multiclass Classification Case.

Tools & Libraries: Python, R, Numpy, Pandas, Scikit-learn, Matplotlib, Plotly, dplyr, Stringr, lubridate, tidyr, tidyverse, ggplot2

Analyzing the External Customers (Clients) data to find Industry, their functional areas, Requirements based on Industry etc., among them, by Clustering, Analysis and Prediction

Tools & Libraries: Python, R, Numpy, Pandas, Scikit-learn, Matplotlib, Plotly, dplyr, Stringr, lubridate, tidyr, tidyverse, ggplot2

LANGUAGES

Tamil: Native Language
English: Advanced Reading and Writing
Hindi: Beginner

CERTIFICATIONS

Machine Learning by AndrewNg, Coursera & Udemy
Deep Learning by DeeplearningAI, Coursera & Udemy
Matlab by Mathworks
Lean Six Sigma Green Belt by Canopus Business Management

Corporate Strategy Professional by VSkills
Advanced Management Training and Growth Hacking by EAZL
Project Management by NPTEL
Product Management by Udemy
Blockchain by Udemy

OTHER DATA SCIENCE PROJECTS

- Breast Cancer Classification – UCI Breast Cancer Dataset (Python)
- Iris Flower Classification– Multiclass Classification - Iris Flowers Case Study (Python, R)
- Naïve Bees – Image Loading and Processing used for Analysis (Python)
- Performed Image Recognition Tasks for Dog vs Cats Classification with Deep Learning using CNN (Python)
- MTCARS dataset for Analyzing data of cars and Predicting gears, HP and Cylinder of cars
- Movie Lens Dataset to Recommend Movies of the Genre (R)
- Position Recommendation based on Skills with Cosine Similarity and nltk (Python)
- Spam Classification with the help of NLP and Naïve Bayes algorithm (Python)
- Titanic Survival Dataset Analysis and Predicting the Survival Rate with the help of Regression, Random Forest, SVM (Python)
- Predicting Employee Salary based on Experience – Simple Linear Regression (Python, R)
- Predicting Employee Salary based on Position – Polynomial Regression, SVR, Decision Trees and Random forest (Python, R)
- Predicting whether a person will buy a product based on his Gender, Salary and Age with the help of KNN, SVM, Naïve Bayes and Random Forest (Python, R)
- Clustering How much a Customer would spend in a mall with the help of K means and Hierarchical Clustering (Python)
- Market Basket Optimization Done with the Help of Apriori with Entropy and Gini Index (Python)
- Analyzing the Reviews of a Restaurant to be Positive or Negative with the help of Naïve Bayes and nltk (Python)
- Classifying whether a wine belongs to different Class – Multiclass Classification Problem (Python)
- Predicting Profit of a Company with Respect to their investments in their Departments (Python, R)
- Boston Housing Price – Regression - Housing Values in Suburbs of Boston Dataset (Python)

and more.

I hereby declare that all the information furnished above is true to the best of my knowledge.

Ravishankar Ramakrishnan
Chennai - 600088

To View My Complete Resume, Visit
https://ravishankarramakrishnan.github.io/portfolio/

To View my LinkedIn profile, Visit
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