Gajanan Rajendra Mirkhale

R |Python DEV | Data Science | Tableau |Hadoop|

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OBJECTIVE

Build and Implementing Data Ingestion, Analyzing and Visualizing process using Data Science & Machine Learning methodologies through Analytical & Programming skills to Bridge the gap between BI, Data Science, Developers and Stakeholders @ Business.

PROFESSIONAL HIGHLIGHTS

R and PYTHON : Data Science & Machine Learning

- **Pandas** – Finance Data's, Primer, Retrieving, Processing, Storing (Datas in Dataframe, CSV,Json)

- **NumPy –** Arrays (functions) , Indexing , Sampling.

- **SciKit** – Supervised learning system development using Algorithms Naive Bayes,SVM,Logistic regression, Decision Trees,Random Forest.

- **NLTK** – Integrating all the three FrameWorks's with Data extraction, Cleansing,Training Data to Models –Test Data.

- **Spark** –Deployment of RDD's, scheduling master, workder nodes, Streaming, Spark SQL ,ML.

- **Dplr**- For summerizing, rearranging and joining together data sets.

- **Ggplot2** –For making beautiful graphics.

- **Caret**- Tools for training regression and classification models.

- **RandonForest**- Random Forest methods from machine learning

- **Shiny**- Easily make interactive, web apps with R

- **R Markdown** –The perfect workflow for reproducible reporting.

- Good in **R, Python and it's frameworks to** align with **Modern Web Architectures like REST and MVC**

- Good in **ingestion, model ,analyze, and visualizing tools (Python's –Matplotlib, Tableau ,Power BI).**

- Well-Experienced in **R, python**,**Tableau,Power BI, Hadoop Infrastructure**.

- Gaining knowledge in Spark framework.

- Experienced with **R, Python, Tableau**(6 + month).

- Gaining Knowledge in Machine Learning.

- Successful installation, configuration and administration of Hadoop ecosystem components and architecture (Hortonworks).

AREAS OF EXPERTISE

Technologies

Python – Frameworks

(Scikit, Pandas, NumPy, NLTK, MatplotLib, pyspark)

R (Dplr, Ggplot2, Caret, Shiny, Lubridate, Random Forest , Maps, R Markdown)

Rapid Miner, Weka,Tableau , Power BI, ElasticSearch, Kibana, Grafana

DB'S - SQL

METHODS & TOOLS

AGILE & WATERFALL

Linux (Ubuntu, CentOS), WINDOWS

 GITHUB

INTERNSHIP EXPERIENCE

1. *Innova Solutions Pvt. Ltd. Chennai,TN , IN.*
Data Analytics – (Intern) | 2016 Dec. ~ May 2017   **5Months+**

- Re-designed and developed a critical ingestion pipeline to process over 50 TB of Automotive dataset.
- Designed and developed Data analytics platform for Automotive dataset using R and Python.
- Handled the Dataframe Elements to retrieve the data from Hadoop
- Plan, Schedule and Report Development Activities.
- Visualize the data with python and Tableau.

WORK EXPERIENCE

1. *Consultant atABB Ability Innovation Center Bengaluru, KA ,IN.*
Data Scientist | 2017 september ~ Present   **10 Months+**

- Designed and developed Data analytics platform for processing Time Series Analytics , , Machine Learning algorithm using R and Python for BSL,Angul and JSW,Dolvi project.
- Buiding and Testing New frameworks and algorithms for future enhancements(R&D).
- Visualize the data with R and Grafana.

EDUCATIONAL PROFILE

Degree / Qualification	Name of the Institute / School	Marks Scored	Year of passing
M.Tech (CSE with Specialization in Big data analytics)	VIT University, Chennai	7.5 CGPA	2015-2017
B.E (Information Technology)	M.S. Bidwe Engineering College Vasuwadi, Barshi Road Latur-413531	64.73%	2010-2013
Diploma (Computer Engineering)	Dr. D. Y. Patil Prathisthan'S Y. B. Patil Polytechnic,Akurdi, Pune – 411044	61.59%	2006-2010
SSC	Shree Sadanand high school,Latur-413512	60%	2005-2006

PERSONAL PROFILE

DOB
26/06/1990

GENDER
MALE

MARITAL STATUS
MARRIED

FATHER
Mr. Rajendra R. Mirkhale

ADDRESS
88, Sathe Galli, Malegaon(k) Tq-Nilanga Latur – 413522. MH, IN.

LANGUAGES
Marathi,Hindi and English

RELAXATION
SPORTS

PHOTOGRAPHY

SWIMMING

BIKING

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PROJECT PROFILE

4. Email Analytics
ELK Stack and Python | 2016 Aug ~ 2017 May
10 Month

- In Email Analytics, large email data sets. These sets usually contain many emails which are irrelevant to an investigation, forcing investigators to manually take action to reduce the emails through find relevant emails, process which is costly in terms of both time and money.
- To aid the investigative process we combine intelligent prepossessing, a context aware visual search, and a results display that presents an integrated view of diverse information contained within emails.
- Visualize the data with Kibana.

3. Summarization of Large Text Document using Topic Modeling Algorithm
R Programming | June 2016 - July 2016
2 Months

- In text summarization a large collections of text documents are transformed to a reduced and compact text document, which represents the digest of the original text collections.
- This can be done using topic modeling algorithm. A summarized document helps in understanding the gist of the large text corpus quickly and also save a lot of time by avoiding reading of each individual document in a large.

2. Bike Share Demand Prediction
R And Python | Jan 2016 ~ 2016 May
5 Months

- To predict how many bikes will be rented in a day using various factors such as weather, rainfall, time of the day etc.

1. Educational Data Analysis
R And Python | Aug 2015 - May 2016
10 Month

- To represent the results in a graphical format for a clear understandable assessment of the students and analyze the performance of the student based on the marks he scored in the tests.

EXTRA ACTIVITIES & ACHIEVEMENT

- Work as student Representative in "Talanto'10" at Dr. D. Y. Patil Prathisthan'S Y. B. Patil Polytechnic, Akurdi, pune
- Work as student Representative in a National Level Symposium "SHAASTRARTH 2013"
- Successfully organized a "BRAINANZA 2K12" at M.S.Bidve Engg. College, Latur.
- Participated Poster Presentation in the 2nd Big Data Conclave on bike sharing demand prediction.

DECLARATION

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

Thanks!

Gajanan Mirkhale

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