Rituraj Kumar

DATA SCIENTIST

Professional Summary

Dedicated IT professional with 4+ years of experience in Data Science domain.

I am a quick learner & I believe the collaborative efforts are the key to excellent results.

Employment History

Senior Data Analyst, Trigyn Technologies, Noida

07/2024 - Present

Automated Daily Health MBO Reporting

Developed a Python, AWS, and PySpark-based automated system to generate daily Health MBO reports. The solution aggregated key metrics like approved, pending, rejected MBOs, published ELPs, and applications, filtered health-focused institutions using advanced keyword logic, and delivered formatted reports, enabling stakeholders to monitor performance and youth engagement in health programs efficiently.

Technology - Python, AWS, Pyspark, Machine Learning, Mysql, Excel, Jira.

Data Scientist, Search My Expert (Market Place), Delhi

05/2023 - Present

- **Market Data Analysis on Multiple Companies Data(May 2023 to present)**

Conducted comprehensive market data analysis on financial performance metrics of 5000 top companies in the tech sector from June 2023 to present; identified key trends and provided actionable insights to guide strategic decision-making.

Technology - Python, NLP, Machine Learning, AWS, Postgresql, Jupyter Notebook, LLM, Tableau, Excel, Jira.

Data Analyst, Surajya Services LTD EasyGov(Reliance Industry), Noida

04/2022 - 03/2023

- **Government Scheme Data Analysis For Data GovernanceOct2022 ~ April 2023)**
- Analyzed datasets from government schemes, identifying key trends and insights; enhanced data governance policies that improved compliance by 40% and reduced data processing time by 25%.
- Serve as a key member of Process Data Intelligence Analyst for creating **Decision Tree**, **Data Visualisation**, Exploratory Data Analysis(**EDA)** and **Data Management**.
- Engineered advanced machine learning models using Python and libraries like Scikit-Learn, TensorFlow, and Keras; enhanced predictive accuracy by 20% and reduced data processing time by 30% through optimized code
- Developed and maintained interactive dashboards in Tableau, integrating data from SQL databases and Google Sheets; provided actionable insights that led to a 15% increase in operational efficiency and 10% cost savings
- Well versed with management tool **Jira** and working under **Agile framework**.
- **Extract reviews from organisation Customers Feedback(April, 2022 ~ October, 2022)**

Performed sentiments analysis on the reviews of customers and extracted and build a unigram & bigram Word Cloud.

Personal Details

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Links

Portfolio

Kaggle

Linkedin

Github

Skills

Python

SQL

Tableau

Microsoft Excel

Machine Learning

Jira

Slack

AWS

Power BI

Critical thinking and problem solving

Ability to work in a team

Team leadership

Statistics

Business Reports using Data Insights

Web-scrapping(Beautiful Soup & Selenium))

Languages

English

Technology - Python, NLP, Machine Learning, Beautiful soup, MySQL, Jupyter Notebook.

Data Analyst, PearlStone Technology, Pune

01/2021 - 03/2022

- **Perform K-Means clustering and obtain optimum numbers clusters- (September, 2021 ~ March, 2021)**

Worked on company's dataset to predict number of customers who churn and derived insight and get information on factors that affect the churn decision.

Technology – Python, K-means, Unsupervised Machine Learning, Hypothesis Testing, Excel, SQL, Jira.

- **Feature Extraction from Medical Journals of Hospitals(Jan, 2021 ~ September, 2021)**

Recognizing Diseases, biomedical or Chemical composition names of drugs by named entity recognition (NER) which is an important task used to extract information and to recognize the medical entities from Medical Journals.

Technology - Python, NLP, Machine Learning, Python, Mysql, Google Sheets, Aws

Education

B.E, D.Y Patil College of Engineering, Pune

07/2014 - 07/2018

Computer Engineering

Sr.Secondary(10+2), Mahavir Prasad Singh College, Darbhanga

04/2012 - 04/2014

BSEB

Higher Secondary(10TH), Jesus & Mary Academy, Darbhanga

03/2010 - 03/2011

CBSE

Internships

Data Science Intern, Innodatatics.AI

08/2020 - 12/2020

House Price Prediction

Utilized Extensive EDA & Linear Regression for accurate house price prediction. Conducted thorough data analysis, identified outliers & patterns.

Certifications

Data Science

08/2020 - 12/2020

- **IBM Certification** in **Machine Learning** and **Python**.
- Udemy certification in **Tableau**.
- Udacity certified in **SQL**.
- **Data Science Certificate** 360DigiTMG