Rahul Rachamadugu

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Graduate Student

EDUCATION

Master in Data Science	Jan 2023 - Present
New Jersey Institute of Technology	Newark, US

Key Courses: Corporate Finance I, Machine learning, Deep Learning

GPA: 3.8

Graduation Date: December 2024

Bachelors (Computer Engineering)	Sep 2012 - Jul 2016
Sinhgad Academy of Engineering	Pune, India

Graduation Date: May 2016

TECHNICAL SKILL

Python, Tableau, SDLC, Azure DevOps, Git, Jenkins, SQL, Agile

Behavioral Skills

Communication, Writing, Presentation, Quick learner, Problem Solving, Collaborative, Quick decision-making

PROJECTS

Bank Stock Data Analysis: Using the **Alpha Advantage API** fetched the top bank stock market data to **EDA** using interactive graphs **plotly and cufflinks** to check the returns and the impact of new cases in these bank stocks which showed these stocks have good returns while covid had minimal impact.

Data Cleaning in python: Did a data cleaning project and analysis on python which involves the use of movies dataset using the **pandas, numpy, matplotlib, seaborne and sci-kit learn** libraries. It showed a strong co-relation between the movie's gross income and with other features such as Actors, Budget etc.

SQL Covid-19 Analysis: leveraged the **advance SQL Queries** such as partition by and other advance queries to perform deep Analysis on Covid-19 vaccination, infection and death rates which reveled many interesting trends.

Covid-19 Tableau Analysis: Using the data retrieved via SQL created a **dashboard** to visualize that Covid-19 data. This includes **world map** of infection rates, death rate across the continents, death rate by year and other such graphs.

Predict Future Sales Data: This project involved prediction of total sales for every product and store in the next month. The data was cleaned and prepared the data for further **data analysis and machine learning**. The results were **within 2$ of margin** of error as compared to test data.

PROFESSIONAL EXPERIENCE

Consultant	Nov 2018 - Dec 2022
Deloitte	Bengaluru, India

- Resolved 100% of Production bugs **by analyzing 1000+ lines of code** and/or as well as over **millions of records** of data and/or checking the **10,000+ lines** debug logs
- **Quickly closed out** time sensitive quarter/year-end deals which are worth millions of dollars by resolving production bugs within 4 hours
- Developed and deployed over **100+ features** to the client which enhanced and improved the usability of their applications
- **Collaborated** with various members of the team in delivering 50+ features to the customers
- **Trained** team members in DevOps using the knowledge in Azure DevOps which improved their time taken deliver the features less than 2 days
- Briefed on **50+ technical documents** to the client about the features developed and its impacts
- **Tutored new associates** by organizing 30+ hours of various knowledge sessions and preparing training documents

Software Engineer	Dec 2016 - Nov 2018
Accenture	Bengaluru, India

- Implemented 20 + new features for the client by using **problem-solving** skills in the Agile model
- Aided in deployment of 50+ new features to production org as part of **DevOps** process using tools such as **Git** and **Jenkins**

CERTIFICATIONS/TRAINING

Data Engineering Foundations, Salesforce Certified Administrator, Tableau Essential Training, Power BI Essential Training