Rahul Rachamadugu

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📍 Harrison, NJ

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

SKILLS

Technical Skills: Python, Salesforce, Tableau, SDLC, Azure DevOps, Git, Jenkins, SQL, Agile, Minitab

Behavioral Skills: Communication, Writing, Presentation, Quick learner, Problem Solving, collaborative

PROJECTS

- **Bank Stock Data Analysis**: Using the Alpha Advantage API fetched the top bank stock market data to do analysis using interactive graphs **plotly and cufflinks** by checking the returns and the impact of new Covid-19 cases in these bank stocks. The result was these stocks have good returns while Covid-19 had minimal impact.

- **Optiver Trading at the Close:** In this project I am predicting stock markets closing price by using order book and closing book data provided by optiver to provide best possible result.

- **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, CTE** and 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 **Tableau dashboard** to visualize that Covid-19 data. This includes Tableau 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

- As a salesforce support, resolved 100% of Production bugs by **analyzing 1000+ lines** of code, checking over **millions of records** of data, and checking the **10,000+ lines** of debug logs

- **Quickly closed** out time sensitive quarter/year-end deals which are worth millions of dollars by resolving production bugs **within 4 hours**

- As a salesforce developer, 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 **10+** new features for the client by using **problem-solving** skills in the Agile model
- Aided in deployment of 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