Rahul Rachamadugu



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# EDUCATION

**Master in Data Science** Jan 2023 - Present

## New Jersey Institute of Technology

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

**GPA**: 3.8

**Graduation Date**: December 2024

Newark, US

**Bachelors (Computer Engineering)** Sep 2012 - Jul 2016

## Sinhgad Academy of Engineering

**Graduation Date**: May 2016

# SKILLS

Pune, India

**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

* + 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

Bengaluru, India