Nishit Nikhil Salot

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EDUCATION

University of Maryland, Robert H. Smith School of Business   **College Park, MD, USA**
Master of Science in Information Systems   December 2022
Coursework: Data Models and Decisions| Big Data Analytics| Data Visualizations and Web Analytics| Data Processing and Analysis in Python | Project Management | Business Process Analysis | Digital Transformation |Data Mining in R
Veermata Jijabai Technological Institute, Mumbai University   **Mumbai, MH, India**
B. Tech in Information Technology, GPA 8.20   May 2021

SKILLS

Programming Languages: Python, R, JAVA, C++, Scala, Shell Scripting, HTML
Tools: Tableau, Power Bi, R Studio, Jupyter Notebook, JIRA, Confluence, MS Suite
Cloud and Big Data Technologies: AWS, Pig, Hive, Apache Hadoop, MapReduce, Spark
Databases: MySQL, Microsoft SQL Server, MongoDB

WORK EXPERIENCE

Microexcel Inc   **New Jersey, NJ, USA**
Business Intelligence Intern   June 2022- August 2022
- Supported and worked with **ETL(SSIS)** developers to complete the **full lifecycle development process**.
- Utilized **SQL scripts and Excel** to validate data between servers
- Worked with clients in understanding business requirements and creating **POCs** by extracting, cleaning and visualizing data in **Excel** and **Power Bi.**
- Extracted **SharePoint** user activity data from server to create an analytical view on **Power BI** of the department and its usage.
- Generated dashboards on **Power BI** tracking various **KPI's** as per clients need.

Barclays   **Pune, MH, India**
Analyst   June 2020 – August 2020
- Developed server health check reporting tool in **Jenkins OSS** with the help of **shell scripting** which led to increased productivity amongst team members.
- Reduced multiple data sources by consolidating them to few using **SQL** queries resulting in performance improvements by 10%.
- Interpreted data from 120 source systems and sent it for **ETL processing** while working on automating the systems for **Data privacy and Data Governance tasks.**

PROJECT EXPERIENCE

Trend Analysis on Flight delay along with their Stock Price [Python, EDA]
- Extracted, cleaned and analyzed datasets for flight delays by using methods within **pandas and NumPy** libraries.
- Conducted **exploratory data analysis** to identify measures of dispersion in delayed flights in past ten years.
- Scraped stock data of popular airlines, performed **data analysis** and created **visualizations** for descriptive statistics to determine correlation between stock and delay times with python for past three years.

Kickstarter Data Analysis on Backers for a Donation [R Programming, Data Mining]
- Generated multiple models and used **ensemble modeling** techniques to achieve lowest RMSE of 374.52 compared to baseline model having RMSE of 397.75 amongst 25 teams.
- Cleaned and used more than **50 feature variables** in model development that led to performance improvements.

Supermarket Management Systems [MySQL, JavaScript]
- Executed hundreds of **SQL queries** in real time on a database to identify essential relations of various supermarket entities to follow business rules.

Story on a country's GDP and renewable sources [Tableau]

Depression level Analysis using Vocal and Visual Experience [Python, ML, CNN, Regression]
- Assessed possible risk and side effects on mental health, curated **machine learning** algorithm in CNN to analyze depression levels based on conversations with psychiatrist via audio, video, and transcript segments.
- **Curated** machine learning models by taking in various factors and trying different regression models to improve accuracy from 64% to 78%.

Lending Club Data Analysis [Tableau]

LEADERSHIP AND VOLUNTEER EXPERIENCE

Pratibimb VJTI, Executive Director   June 2019 – December 2019
- Spearheaded four day college fest and led independent operational departments working cohesively for event.