

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 | Data Visualizations and Web Analytics | Data Processing and Analysis in Python | Project Management | Business Process Analysis

Veermata Jijabai Technological Institute, Mumbai University

Mumbai, MH, India

B. Tech in Information Technology, GPA 8.20

May 2021

Coursework: Big Data Analytics | Data Mining | Business Intelligence | Probability and Statistics | Database Management

TECHNICAL SKILLS

- **Programming Languages:** Python, R, JAVA, C++, JavaScript, HTML, MS Suite
 - **Tools:** Power Bi, Tableau, Jira, Confluence
 - **Databases:** SQL (MySQL, Microsoft Server), NoSQL, MongoDB
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WORK EXPERIENCE

Soham Housewares

Mumbai, MH, India

Data Analyst

January 2021 – July 2021

- Analyzed data using **Excel** and **R**, presented insights using **Tableau**, optimized execution time for orders by 60%.
- Predicted the performance of differentiated products by building **predictive modeling techniques** in python.
- Used **data mining** techniques for bucketing various customers into various segments based on their payment methods to roll out customized promotional offers.
- Consolidated, updated and **linked company database** to e-commerce websites to increase sales and profit for the company increasing the net revenue by 20%.

Barclays

Pune, MH, India

Analyst

June 2020 – August 2020

- Automated and streamlined the financial portfolio software improving existing processes by **tuning and optimizing SQL queries**, identifying gaps and bottlenecks, reducing operation costs and runtimes by ~70%.
 - Curated quarterly dashboards to analyze performance and risks and presented the same using **Tableau**
 - Assisted in developing, designing and implementing systems to capture business operations in financial systems to automate the server and managing downtime by 25%
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PROJECT EXPERIENCE

Trend Analysis on Flight delay along with their Stock Price [Python, EDA]

- Extracted, cleaned and analyzed datasets for flight delays by various 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.

Supermarket Management Systems [MySQL, JavaScript]

- Executed hundreds of customized **SQL queries** in real time on a database to identify essential relations of various supermarket entities to follow business rules.

Depression level Analysis using Vocal and Visual Experience [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 to 78% from 64%.

Data Visualization of Car Insurance claims [Tableau]

Live Dashboard and Report integration on Mobile devices [Power Bi, MS Excel]

Segmentation of customers based on credit card usage [Data Mining, R Programming]

Analyzing DoorDash data to identify problems and root causes to suggest solutions (Python)

Review Analysis of Apartments near College Park [SQL Server]

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.
- Led a team of 100+ volunteers and charted out a project management plan.