

# 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 | Digital Transformation of Technology

**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

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## SKILLS

Python, R Studio, JAVA, C++, JavaScript, HTML, CSS, MS Suite, Power Bi, Tableau, JIRA, Confluence, SQL (MySQL, Microsoft Server), MongoDB

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## WORK EXPERIENCE

**Microexcel Inc**

**New Jersey, NJ, USA**

**Business Intelligence Intern**

June 2022- Present

- Worked with clients to create various POCs by extracting, cleaning and visualizing data in **Excel** and **Power Bi** on multiple data sources.
- Extracted **Sharepoint** user activity data to create an analytical view on **Power BI** of the department and its usage.
- Generated reports on **Power BI** tracking various KPI's resulting from multiple **SQL** servers.

**Soham Housewares**

**Mumbai, MH, India**

**Data Analyst**

January 2021 – July 2021

- Analyzed on over-budget maintenance cost resulting in reduction of maintenance cost by 20%.
- Analyzed sales data using **Excel** and **R**, presented insights in **Tableau**, optimized execution time for orders by 40%.

**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 by 20%.
  - Reduced multiple data sources by consolidating them to few using **SQL** queries resulting in performance improvements by 10%.
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## PROJECT EXPERIENCE

**Kickstarter Data Analysis on Backers for a Donation [R Programming, Data Mining]**

- Generated multiple models and used **ensemble modeling** techniques to achieve lowest RMSE amongst 25 teams.
- Cleaned and used more than **50 feature variables** in model development that led to performance improvements.

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

- Worked on various datasets from World Bank Indicators to create a story on how Clean energy was backbone of Uruguay's GDP.
- Analyzed factors that showcased gender discrimination within South America over the years.

**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%.

**Lending Club Data Analysis [Tableau]**

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## 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.