ROHAN SINGH

ronsingh0098@gmail.com • 857-384-1557 • 19 Long Ave, Boston, MA • LinkedIn

EDUCATION

Boston University, Metropolitan College| Master of Science in Applied Data Analytics   Boston, USA

M.P.S.T.M.E, NMIMS| MBA in Operations and Supply Chain and Marketing   Mumbai, India

M.P.S.T.M.E, NMIMS| Bachelor of Science in Information Technology   Mumbai, India

TECHNICAL SKILLS

Software Tools: Power BI, Tableau, Microsoft Excel, Looker, Apache Superset, Jupyter Notebooks, AWS Sagemaker, AWS S3, Databricks, Google BigQuery, Docker, Kubernetes, Azure DevOps, GitHub, Jenkins, Linux, SAP ERP, Oracle ERP.

Programming Languages: Python, R, SQL, JavaScript, HTML, CSS, C, C++, MySQL, MongoDB, Microsoft SQL Server.

Frameworks: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, PyTorch, Flask, Dash, Plotly, PyTest.

WORK EXPERIENCE

Boston While Black| Data Analyst   May 2024 - Aug 2024

- Utilized **Pandas**, **NumPy**, and **SQL** to extract, clean, and analyze customer data, identifying patterns in churn and acquisition costs, leveraging insights to develop targeted strategies, contributing to a 25% boost in retention and a 15% reduction in churn.
- Designed and deployed community surveys using **Google Forms** to collect member feedback. Analyzed survey results with **Matplotlib** and **Seaborn** and generated visual reports, delivering strategic insights that enhanced CEO decision-making by 30%.
- Developed dynamic, real-time dashboards in **Power BI** using **DAX** and **SQL queries** to track key KPIs such as community engagement, member retention, and event participation, empowering managers with insights for data-driven decision-making.

Gartner Inc.| Data Analyst   Mar 2022 - Jun 2023

- Leveraged **Tableau** and **SQL** to analyze comprehensive datasets from 90% of Fortune 500 companies, identifying key trends and actionable insights that optimized Gartner's research methodologies, business advisory, and financial forecasting models.
- Automated reporting workflows using **VBA** and **Macros**, cutting report generation time by 50% and streamlining tasks like pivot table creation and data visualizations in **Microsoft Excel** and **Tableau**, improving overall reporting efficiency.
- Created dynamic visualizations using **Power BI**, **Tableau**, and **Looker**, converting complex survey data into actionable insights tailored for both technical and non-technical stakeholders, enabling data-driven decision-making.

Indian Oil Corporation Limited| Supply Chain Analyst Intern   May 2021 - Sep 2021

- Developed an advanced cost-optimization model using **Excel Solver**, leading to a 5% reduction in bulk LPG transportation expenses and significantly enhancing logistics flexibility to seamlessly accommodate last-minute operational adjustments.
- Automated supply route optimization and demand forecasting with **Pandas**, **SQL**, and **Google BigQuery**, cutting transportation time and costs by 15% while delivering actionable reports for supply chain improvements.

Gates India Private Limited| I.T. Intern   May 2019 - Jul 2019

- Integrated real-time analytics dashboards using **Python**, **Flask**, and **Dash** to monitor machine performance, enabling predictive maintenance and reducing equipment downtime by 10% by early fault detection and proactive issue resolution.
- Automated the collection of machine performance metrics and production output using **Python scripts** and **SQL**, boosting productivity by 10% and minimizing manual errors, leading to more accurate and efficient data handling.

PROJECTS

Customer Segmentation with AWS and Power BI

- Developed a customer segmentation model using **Python** (**Pandas**, **Scikit-learn**), improving targeted marketing by 20% and processed large datasets, increasing transformation speed by 30% with **AWS S3** and **AWS Lambda**.
- Automated data ingestion with **AWS Step Functions** and **Python**, reducing manual processing by 40%.
- Developed interactive **Power BI dashboards** to visualize customer segmentation, empowering stakeholders to analyze trends, uncover insights, and make informed, data-driven decisions to improve business strategies.

CERTIFICATIONS

- Google Data Analytics by Google
- Data Analytics for Business Professionals by IIBA
- Data Visualization for Data Analysis and Analytics by IIBA
- SQL for Data Analysis by LinkedIn
- Data Visualizations with Plotly by LinkedIn
- Python Functions for Data Science by LinkedIn