

Satyamshree Moharana

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Professional Summary

Data Analyst with over 2 years of experience, skilled in utilizing advanced SQL and Python to derive actionable insights from complex datasets. Expert in creating powerful visualizations with Power BI and Excel, and proficient in optimizing database operations to enhance decision-making and system efficiency.

Skills and Technologies

Data Analysis and Visualization: Python, SQL, Power BI, Azure, MS Excel

Other Tools and Skillset: Shell scripting/ Command-Line proficiency, DBMS, ML Models

Work Experience

Business Technology Analyst- BASIS Analyst, Deloitte, Mumbai Jan 2024 – Present

- Identified best practices for utilizing the capabilities of the SAP platform as most junior member on team; automated streamlined procedures that reduced report generation time from hours down to minutes while maintaining high-quality insights.
- Enhanced database operations via PuTTY, reducing downtime by 15% and increasing data retrieval speeds by 20%, significantly boosting system reliability and performance.
- Implemented **KPI-driven dashboards** in **Power BI** and **Excel**, enhancing user login consistency by 15% through improved tracking and visualization of system performance, supporting more informed business decisions.

Business Technology Analyst- BASIS Administrator, Deloitte, Bengaluru Sept 2022 – Dec 2023

- Extracted and cleaned large datasets from SAP systems for reporting and analysis, using **SQL** for data retrieval.
- Monitored system performance, which improved response times by 10% and reduced downtime incidents by 5% as a **Database Administrator**.

Projects

Analyzing Ride Patterns: TLC in New York

- Analyzed Taxi and Limousine ride data in New York using **Python** libraries, uncovering patterns that informed strategic recommendations utilising featured engineering and automated the cleaning procedures on a data over 14+ million rows.
- Simulating various scenarios with **Pandas**, **Matplotlib**, **Plotly** and **Seaborn** to determine the insights on traffic, location demand, rush hours and many more.

Cafe Sales Performance EDA and Dashboard

- Conducted **data cleaning** and **EDA** using **SQL** and developed **Power BI dashboard** for newly opened Cafe sales.
- The dashboard includes KPIs, best and worst product information, trends in the visiting days and hours and visualizes daily and monthly sales trends to enhance decision-making and operational efficiency.

OTT Platform Data Analysis

- Utilized **Python** for an exploratory data analysis (**EDA**) and data cleaning on Netflix dataset to uncover trends, patterns, and anomalies with **Pandas**, **Numpy**, **Matplotlib** and **Seaborn**.
- Created interactive dashboards and KPIs to visualize key metrics using **Power BI**.

Graybar Electric Company, Inc.

- Explored a Greenfield project, understanding structure, methodologies, and impacts.
- Managed databases using SQL and PuTTY, optimizing data handling processes and reducing query execution times by 25% and leveraged **SAP Cloud Platform** for real-time data integration, enabling seamless access to critical business data.
- Created KPI-driven dashboards in Power BI and Excel, delivering insights that enhanced system performance analysis and informed strategic decisions, boosting data-driven project timelines by 30%.

Education

National Institute of Technology, Rourkela, BTech in Electronics and Communication Engineering

July 2018 – June 2022

- GPA: 7.70/10 (Transcript)
- **Additional Coursework:** Business Research Methodology, Financial Markets and Institutions