Satyamshree Moharana

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PROFESSIONAL SUMMARY

Data Analyst with over 2 years of experience, skilled in advanced SQL and Python to derive actionable insights from complex datasets. Expert in creating powerful visualizations with Power BI and Excel and experienced in hypothesis testing and statistical modeling to enhance decision-making and system efficiency.

SKILLS AND TECHNOLOGIES

Data Analysis and Visualization: Python, SQL, Power BI, MS Excel
Other Tools and Skillset: Command-Line proficiency, DBMS, Statistical Modeling, Hypothesis Testing, ML

WORK EXPERIENCE

Business Technology/ Data Analyst, Deloitte, Mumbai   Jan 2024 – Sept 2024
- Identified best practices for utilizing the capabilities of the SAP platform as most junior member on team; automated procedures with SQL and Python for data wrangling and modeling, reducing report generation time from hours down to minutes while maintaining high-quality insights.
- 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.
- Enhanced database operations via PuTTY, reducing downtime by 15% and increasing data retrieval speeds by 20%, significantly boosting system reliability and performance.

Business Technology/ Data Analyst, 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 New York
- Reduced a 14+ million-row dataset of Taxi and Limousine Commission by 90% through feature engineering and automated data cleaning using **Python** libraries, improving efficiency in identifying patterns.
- Analyzed traffic congestion, high-demand locations, peak hours, and seasonal trends with **Pandas**, **Matplotlib**, **Plotly**, and **Seaborn**, informing ride optimization strategies.
- Proposed solutions to address peak-time demand in high-traffic areas, improving operational efficiency.

Cafe Sales Performance EDA and Dashboard
- Built an interactive **Power BI** dashboard with **KPI**s to visualize sales trends, top-performing categories, products, and visiting patterns by time and day.
- Conducted data cleaning and analysis using **SQL**, uncovering insights to refine sales strategies for a new cafe.

OTT Platform Data Analysis
- Conducted EDA and data cleaning on Netflix dataset using **Python**, identifying trends in content popularity, viewership patterns, and anomalies across movies and TV shows worldwide.
- Designed a detailed **Power BI** dashboard featuring **KPI**s, regional content distribution, trending movies and TV shows, providing actionable insights into content performance and audience preferences.

Graybar Electric Company, Inc.
- Optimized query execution times by 25% through **SQL** database optimization and efficient use of PuTTY.
- Leveraged SAP Cloud Platform for real-time data integration, enabling seamless access to critical business information.
- Developed **KPI**-driven dashboards in **Power BI** and Excel to improve system analysis and boost 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