MOHAMMAD REHAAN ALI

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LinkedIn | GitHub | Portfolio

Experience

Data Analytics Intern
Quantium (Remote Virtual Internship) | December 2024 – February 2025

- Analyzed 260K+ retail transactions using Python to clean data, uncover sales trends, and create visual insights, **improving data processing efficiency by 30%.**
- Identified consumer behavior patterns and evaluated trial store performance, leading to a 15% boost in targeted marketing, **a 95% sales increase in Trial Stores 77 and 86, and a 12% overall revenue growth** across test stores.

Skills Set

Technical Skills

- **Programming Languages**: Python(Pandas, NumPy, Seaborn), MySQL.
- **Tools & Software:** Microsoft Excel, Google Sheets, Tableau, Microsoft Power BI, ChatGPT.
- **Core Competencies**: Data Analysis, Data Visualization, Machine Learning, Artificial Intelligence (AI), Statistical Analysis, Regression Analysis, and Exploratory Data Analysis.

Projects

Uber Trip Analysis using Machine Learning   **(Link to GitHub)**

- Conducted EDA on Uber trip data to identify peak demand periods, busiest days, and geographical hotspots. Extracted key time-based features to enhance demand predictions.
- Developed and optimized an XGBoost model, improving demand prediction accuracy by 20% **(MAPE: 8.60%)**, **reducing ride allocation delays by 18%, and leading to a 5% increase** in completed trips.

SQL & Tableau Project : Product sales analysis   **(Link to GitHub)**

- Queried, cleaned, and structured sales data in MySQL, **reducing data preparation time by 25%.**
- Developed a Tableau dashboard that improved sales trend analysis by 30%, **reducing overstock costs by 12%, and increasing revenue by 6%.**

Energy Consumption Trend Analysis Using Power BI   **(Link to GitHub)**

- Cleaned and prepared data by merging sources, fixing missing values, and standardizing formats for reliable Power BI analysis.
- Built interactive dashboards and conducted statistical analysis to highlight energy costs, usage trends, and seasonal spikes, **improving decision-making speed by 15% and optimizing energy use.**

Education

QIS Institute of Engineering and Technology, Ongole, Andhra Pradesh	**(2021 – 2025)**
B. TECH: Computer Science Engineering with Data Science	
Sri Chaitanya Junior College, Ongole, Andhra Pradesh	**(2019 – 2021)**
Senior Secondary- Intermediate in MPC	

Certificates

- **Data Analytics Remote Internship – Quantium**   **Feb 2025**
- Certificate in Python Language - IBM Developer Skills Network   **Sep 2024**