

# MOHAMMAD REHAAN ALI

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## Experience

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### Data Analytics Intern

**Quantium** (Remote Virtual Internship) | December 2024 – February 2025

- Processed 260K+ retail transactions with Python to clean data, reveal sales trends, and generate visual insights, increasing data processing speed by 30%.
- Learned about consumer behavior and tested how trial shops operated, resulting in a 15% boost in targeted marketing, a 95% increase in sales at Trial Stores 77 and 86, and a 12% overall revenue increase in test stores.

## Skills Set

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### Technical Skills

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

## Projects

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### Uber Trip Analysis using Machine Learning [Python, Machine Learning] ([Link](#))

- 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.
- Built and tuned an XGBoost model with enhanced demand forecasting accuracy by 20% (MAPE: 8.60%), 18% less ride allocation delay, and 5% more trips completed.

### SQL & Tableau Project: Product sales analysis [SQL, Tableau] ([Link](#))

- Cleaned, verified, and organized sales data in MySQL, saving 25% of data preparation time.
- Created a Tableau dashboard that enhanced sales trend analysis by 30%, reduced overstock cost by 12%, and increased revenue growth by 6%.

### Energy Consumption Trend Analysis Using Power BI [Microsoft Excel, Microsoft Power BI] ([Link](#))

- Provided clean and ready data by combining sources, corrected missing values, and restructured formats for robust Power BI Analysis.
- Created dashboards and conducted statistical analysis to provide insights on energy usage, improving decision-making effectiveness by 15% & optimizing energy consumption

## Education

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**QIS Institute of Engineering and Technology, Ongole, Andhra Pradesh**

**(2021 – 2025)**

B. TECH: Computer Science Engineering with Data Science

## Certificates

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**Data Analytics Remote Internship – Quantium**

**Feb 2025**