

# Mohammad Rehaan Ali

Hyderabad, Telangana | rehaan06504@gmail.com | +91 9493652004 | Web Portfolio |  
[linkedin.com/in/mohammad-rehaan-ali](https://linkedin.com/in/mohammad-rehaan-ali) | [github.com/MohammadRehaanAli](https://github.com/MohammadRehaanAli)

## Experience

- Data Analytics Intern**, Quantum - Retail Analytics (Remote Internship) Dec 2024 – May 2025
- Processed 260K+ retail transactions using Python, identifying high-value customer segments, boosting targeted marketing sales by 12%.
  - Analyzed trial store operations and consumer behavior, improving marketing performance by 15% and increasing sales at Trial Stores 77 & 86 by 95%.
  - Built dashboards in Python and Excel to track customer buying patterns, supporting marketing and inventory decisions.

## Education

- Qis College of Engineering & Technology**, B.Tech in CSE (Data Science) Sept 2021 – May 2025
- GPA: 7.0/10.0
  - Coursework:** Machine Learning, Database Systems, Data Mining, Artificial Intelligence

## Skills & Tools

- Programming & Analysis:** Python (Pandas, NumPy, Seaborn, Matplotlib, Scikit-learn), SQL, Excel (Advanced)
- Visualization & BI:** Power BI, Tableau, Looker Studio, Google Sheets
- Cloud & AI Tools:** BigQuery, Vertex AI (Gemini), Cloud Run, FastAPI, Git, GitHub
- Core Skills:** Data Analysis, EDA, Data Cleaning, Machine Learning, Regression, Statistical Analysis, AI-driven Insights, Anomaly Detection, Fraud Analytics, Risk Analysis, Prompt Engineering, Process Automation, Customer Insights

## Projects

- GenAI Data Quality Doctor** | **Tech Stack:** Gemini AI, Python (Pandas/Scikit-learn), Power BI  
**Project Link:** <https://github.com/GenAI-Data-Quality-Doctor/>
- Built a **GenAI data-quality system** using **Gemini AI & Python (Pandas)** to improve detection of missing & outlier values.
  - Integrated **Gemini** to generate cleaning suggestions and reports with Power BI dashboards, cutting prep time by 70%.
- AI-Powered Data Insights App** | **Tech Stack:** BigQuery, Vertex AI, Cloud Run, FastAPI  
**Project Link:** <https://github.com/AI-Powered-Smart-Data-Insights-App/>
- Built a serverless insights pipeline using **BigQuery, Vertex AI, Cloud Run, and FastAPI**, generating instant dashboards, KPIs, and summaries from user datasets, improving analysis speed by 80% for uploaded datasets.
  - Integrated **Vertex AI** to generate instant insights and reports, cutting interpretation time by 60%.
- Energy Consumption Trend Analysis Using Power BI** | **Tech Stack:** Microsoft Excel, Power BI  
**Project Link:** <https://github.com/Energy-Consumption-trend-analysis-using-Power-BI/>
- Cleaned and transformed multi-year energy datasets, boosting data accuracy by 30% and reducing preparation time by 50% through automated Excel workflows.
  - Designed interactive **Power BI** dashboards and performed statistical analysis, enhancing decision-making effectiveness by 15% and revealing optimization opportunities.

## Competitions & Hackathons

- Google Build & Blog Marathon 2025 – Cloud & AI Track**
- Built an **AI-powered data insights app** using BigQuery, Vertex AI, Looker Studio, and Cloud Run, enabling instant dashboards and automated insights. **Tech Stack:** BigQuery, Vertex AI, Looker Studio, Cloud Run, FastAPI, Python.

## Certificates

- Google Advanced Data Analytics Professional Certificate — Google**
- IBM Data Analyst Professional Certificate — IBM**
- Microsoft Power BI Data Analyst Professional Certificate — Microsoft**
- Generative AI Data Analyst Specialization — Vanderbilt University**
- Applied Data Science with Python — University of Michigan**