

Mohammad Rehaan Ali

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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