Adnan Gulzar Baba

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Professional Summary

Data Analyst with hands-on experience in data cleaning, exploratory data analysis, and dashboard development. Proficient in Python, SQL, Power BI, and Tableau, with a strong ability to translate complex datasets into clear business insights and actionable recommendations. Experienced working on real-world projects involving customer behavior, sales performance, and predictive analysis.

Skills

- **Programming:** Python, SQL
- **Data Analysis & Visualization:** Power BI, Tableau, Excel, Jupyter Notebook
- **Libraries and Technologies:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
- **Core Analyst Skills:** Data Cleaning, EDA, KPI Tracking, Reporting, Business Insights
- **Soft Skills:** Communication, Problem-solving, Collaboration, Adaptability

Experience

Data Science Intern

Meta Scifor Technologies | Remote | Sep 2024 – Mar 2025

- Analysed financial and stock market datasets to identify trends, patterns, and anomalies supporting analytical insights.
- Built interactive dashboards and visualizations to present insights in a user-friendly manner.
- Collaborated with team members to improve data processing efficiency and reporting accuracy by 25%.
- Converted analytical outputs into simplified explanations to support decision-making for non-technical users, improving stakeholder clarity and reducing clarification cycles by ~30%.

Machine Learning Intern

Prodigy Infotech | Remote | Dec 2023 – Feb 2024

- Cleaned, pre-processed, and validated large datasets by handling missing values, outliers, and inconsistencies.
- Conducted exploratory data analysis (EDA) using statistical techniques and visual tools to uncover trends and correlations.
- Generated data reports and visual summaries to support data-driven business decisions, accelerating insight delivery approximately 20%.

Projects

Real-Time Power BI Ecommerce Book Store Analytics Dashboard

- Scraped real-time product data from Book Store site including prices, ratings, and availability using Python.
- Cleaned and structured raw data in Excel to ensure consistency and accuracy for analysis.
- Developed an interactive Power BI dashboard to visualize pricing trends, product performance, and rating distributions.
- Enabled quick comparison across products and categories to support data-driven pricing and market insights.

FindBuyer – Supplier–Buyer Matching Automation Tool

- Designed and developed an automation tool to match suppliers with potential buyers based on product and preference data.
- Implemented backend data processing and matching logic using Python and FastAPI.
- Automated email notifications to streamline communication between suppliers and buyers.

Convo-Bot – Voice-Enabled AI Chatbot

- Built a voice-enabled AI chatbot capable of real-time user interaction using speech recognition and NLP techniques.
- Implemented text-to-speech and intent recognition to enable natural conversational flow.
- Developed an interactive frontend using Streamlit for seamless user experience.

Education

Master of Science in Data Science and AI

BITS Pilani Digital | Remote

Jan 2026 – Sep 2027

Certifications

- Google Advanced Data Analytics – Coursera
- Google Data Analytics – Coursera
- Machine Learning – DeepLearning.AI & Stanford University
- Deep Learning – DeepLearning.AI & Stanford University
- Natural Learning Process – DeepLearning.AI & Stanford University
- Cloud Computing with AWS – Internshala