

MIAN SHAKAR AFZAL

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Profile Summary – Data & BI Analyst

- Experienced in data cleaning, data visualization, reporting, and dashboard development in multiple analytics projects.
- Skilled in analyzing large datasets, optimizing SQL queries, and transforming raw data into actionable business insights.
- Experienced in creating interactive Power BI dashboards that enhance data visibility and support better decisions.
- Strong expertise in Excel, SQL, and Power BI for efficient data manipulation, reporting, and analysis.
- Demonstrated ability in market research, requirement gathering, and conducting both qualitative and quantitative analysis to develop effective strategies and boost engagement.

Relevant Coursework

- Data Integrity
- Data Manipulation
- KPI Design
- Data Warehousing (Basic)
- Data Visualization
- Data Cleaning
- ETL
- Business Impact Analysis

Projects

Customer Churn Analysis Dashboard | Power BI, SQL, Power Query, DAX | [GitHub](#)

- Analyzed 3,000+ customer records to calculate churn rate and segment high-risk users. Built Power BI dashboard to track churn, improving visibility of customer retention trends by up to 30%.
- Identified key churn drivers (customer segment & behavior patterns), enabling targeted retention strategies.
- Performed data cleaning and transformation (ETL) using SQL and Power Query to improve data accuracy.

Supply Chain & Inventory Analysis | Excel, Power BI, DAX | [GitHub](#)

- Analyzed inventory and order data to identify demand patterns and stock inconsistencies. Developed dashboards to monitor stock levels and supply performance.
- Highlighted inefficiencies in inventory management, improving forecasting insights and decision-making.

Nashville Housing Data Cleaning | SQL | [GitHub](#)

- Cleaned and transformed raw dataset by handling missing values, removing duplicates, and standardizing formats using SQL functions (ROW_NUMBER, COALESCE, CAST).
- Prepared structured dataset for downstream reporting and analytics.

Movie Industry Data Analysis | Python, EDA | [GitHub](#)

- Performed exploratory data analysis (EDA) on movie dataset (1,000+ records) to identify revenue drivers.
- Discovered correlations between budget, votes, and revenue using statistical analysis. Created visualizations using Matplotlib and Seaborn.

Technical Skills

Analytical Tools, Languages: Excel (Advanced, Power Query), Power BI (DAX, Data Modeling, Dashboards), Tableau (Basic), SQL (Joins, CTEs, Window Functions), Python (Pandas, NumPy, Matplotlib).
Skills: Data Cleaning, Data Analysis, Data Visualization, KPI Design, Reporting, Data Modeling, ETL, Data Warehousing (Basic), Problem-Solving, Effective Communication, Analytical Thinking, Data Preparation, Statistical Analysis, Database Management, Business Intelligence.

Education

National University of Technology, Islamabad (NUTECH) Bachelor of Science in Computer Science (BSCS) CGPA: 3.12	Oct 2023 – Jul 2027
Punjab College, Gujrat (PGC) FSC (Pre-Engineering) Marks: 839 / 1100	Aug 2020 – Jul 2022
Wisdom House High School for Boys, Channan MATRIC (Science) Marks: 968 / 1100	Mar 2018 - Jul 2020

Certifications

- **Google Data Analytics Specialization** – Gained practical skills in data cleaning, analysis, visualization, SQL, R, and Tableau through hands-on projects.
- **SQL for Data Science** – Advanced SQL techniques including joins, CTEs, and window functions.
- **Excel Skills for Business** – Mastered advanced Excel features including Power Query and data manipulation.
- **Python for Data Analysis** – Developed proficiency in Pandas, NumPy, and Matplotlib for data analysis.
- **From Excel to Power BI** – Learned DAX, data modeling, and dashboard creation for business intelligence.