

HAMZA KHATAB

SUMMARY

Data Analyst with strong skills in Python, SQL, Excel, Tableau, and Power BI, experienced in transforming raw data into actionable insights. Skilled at building interactive dashboards, conducting advanced data cleaning, and automating workflows. Adept at translating complex data into clear, impactful visualizations to support strategic decision-making and drive business outcomes.

EDUCATION

International Islamic University Islamabad BS Business Analytics CGPA: 3.91	Sep 2022-june 2026
NUST University Islamabad Associate's Degree Data Science and AI	Apr 2025-Jul 2025

Personal Skills

- Strong Problem-Solving and Analytical Thinking
- Efficient Project Management and Team Leadership
- Excellent Communication and Collaboration

Technical SKILLS

Python

Pandas, NumPy, sklearn, Matplotlib, Seaborn, Scipy

SQL

Software: MySQL, SSMS,

Excel

Tools: Pivot Table, Pivot Chart, Query Editor, Visualization.

Power Bi

Tools: DAX, Power Query, Visualization, Data Modelling.

Tableau

Data Analysis, Calculated fields, Dashboard and reporting

Machine Learning

Regression, Classification, Clustering

PROJECTS

DATA CLEANING IN SQL –Personal Project	July 2024
<ul style="list-style-type: none">• Employed SQL to clean and preprocess large datasets, ensuring data accuracy and consistency across various fields• Applied advanced SQL functions to identify and correct errors, standardize data formats, and remove duplicates• Documented the data cleaning process and created reports to outline key transformations and improvements made for enhanced analysis	
SALES DASHBOARD USING TABLEAU – Personal Project	Sep 2024
<ul style="list-style-type: none">• Designed an interactive sales dashboard in Tableau to visualize sales performance metrics and trends across various regions• Integrated multiple data sources and used calculated fields and parameters to enable dynamic filtering and insights• Optimized dashboard for business stakeholders to track KPIs, identify growth opportunities, and make data-driven decisions	

ADVANCED EXCEL ANALYSIS – Personal Project	April 2024
<ul style="list-style-type: none"> Utilized Pivot Tables and Pivot Charts to analyze and visualize complex datasets, improving data interpretation Implemented VLOOKUP and HLOOKUP functions to efficiently extract and match data across large sheets Developed VBA scripts to automate repetitive tasks, enhancing workflow efficiency and accuracy 	

SALES DASHBOARD USING POWER BI– Personal Project	Sep 2024
<ul style="list-style-type: none"> Built a dynamic sales dashboard in Power BI to monitor sales performance and trends across multiple regions Integrated data from diverse sources and used DAX formulas for advanced calculations and KPIs Created interactive visualizations and filters, enabling stakeholders to drill down into data and make informed decisions 	

DATA VISUALIZATION WITH PYTHON – Personal Project	Dec 2024
<ul style="list-style-type: none"> Developed interactive data visualizations using Python libraries such as Matplotlib, Seaborn, and Plotly Visualized trends, correlations, and distributions in real-world datasets to support data-driven insights Built dynamic dashboards using Plotly Dash for exploratory analysis and stakeholder presentations Applied best practices in data preprocessing, styling, and annotation for clear, impactful storytelling 	

CERTIFICATIONS

SQL for Data Science – Coursera	Feb 2025
Analysis with Tableau– Coursera	Jan 2025
Data Driven Decision Making with Power BI – Coursera	Jan 2025
Databases and SQL for Data Science with Python – Coursera	Feb 2025
Data Visualization with Python – Coursera	Mar 2025
Machine Learning with Python – Coursera	May 2025
Data Science and AI-NUST University	Apr 25-Jul 25

EXTRA-CURRICULAR ACTIVATES

- Food Enthusiast: Passionate about exploring diverse cuisines and experimenting with new recipes.
- Travel Enthusiast: Enjoy discovering new cultures and visiting scenic destinations, from bustling cities to serene landscapes.

AWARDS

PRIME MINISTER LAPTOP SCHEME –Award Recipient	Dec 2023
<ul style="list-style-type: none"> Received a laptop as a recognition of academic or professional achievements under the Prime Minister's Laptop Scheme 	