

SUMMARY

Detail-oriented Data Analyst with strong skills in Exploratory Data Analysis (EDA), data preprocessing, and machine learning. Proficient in using Python and SQL to clean, analyze, and transform raw data into valuable insights. Experienced in creating interactive dashboards using Tableau and Power BI to support data-driven decision-making. Skilled in building visualizations, writing optimized SQL queries, and automating workflows to improve business processes. Passionate about making complex data easy to understand and use.

EDUCATION

<b>BACHELOR OF SCIENCE IN BUSINESS ANALYTICS</b> International Islamic University Islamabad	Sep 2022-June 2026
<b>DATA SCIENCE IN AI</b> National University of Sciences and Technology (NUST)	April – July 2025

SKILLS

<b>Python</b> Pandas, NumPy, SciPy, Matplotlib	<b>R Programming</b> Packages: dplyr, shinny, ggplot, tm,	<b>Excel</b> Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA
<b>Power Bi</b> Tools: DAX, API, Power Query	<b>SQL</b> Software: SQLite, MySQL	

PROJECTS

<b>DATA CLEANING IN SQL</b>	July 2024
<ul style="list-style-type: none"><li>Employed SQL to clean and preprocess large datasets, ensuring data accuracy and consistency across various fields</li><li>Applied advanced SQL functions to identify and correct errors, standardize data formats, and remove duplicates</li><li>Documented the data cleaning process and created reports to outline key transformations and improvements made for enhanced analysis</li></ul>	
<b>SALES DASHBOARD USING TABLEAU</b>	Sep 2024
<ul style="list-style-type: none"><li>Designed an interactive sales dashboard in Tableau to visualize sales performance metrics and trends across various regions</li><li>Integrated multiple data sources and used calculated fields and parameters to enable dynamic filtering and insights</li><li>Optimized dashboard for business stakeholders to track KPIs, identify growth opportunities, and make data-driven decisions</li></ul>	
<b>ADVANCED EXCEL ANALYSIS</b>	April 2024
<ul style="list-style-type: none"><li>Utilized Pivot Tables and Pivot Charts to analyze and visualize complex datasets, improving data interpretation</li><li>Implemented VLOOKUP and HLOOKUP functions to efficiently extract and match data across large sheets</li><li>Developed VBA scripts to automate repetitive tasks, enhancing workflow efficiency and accuracy</li></ul>	

- 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

- Performed data cleaning and preprocessing to handle missing values, duplicates, and outliers, improving data quality
- Conducted Exploratory Data Analysis (EDA) using pandas, matplotlib, and seaborn to uncover patterns and trends
- Automated data workflows and enhanced analysis efficiency using Python scripting and libraries like NumPy and pandas

CERTIFICATIONS

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| • Excel Basics for Analysis – Coursera                  | Jun 2023  |
| • Data Visualization and Dashboard with Excel- Coursera | Jun 2023  |
| • Python for Data Science – Coursera                    | July 2023 |
| • Databases and SQL for Data Science – Coursera         | July 2023 |
| • Fundamental of Visualization with Tableau– Coursera   | July 2023 |
| • Data Analysis with Python – Coursera                  | Aug 2023  |
| • Data Visualization with Python – Coursera             | Nov 2023  |

AWARDS

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- Received a laptop as a recognition of academic or professional achievements under the Prime Minister's Laptop Scheme