MUHAMMAD USAMA
DATA ANALYST

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Summary

Business Analytics undergraduate at IIUI with practical experience in data science, machine learning, and data visualization. Completed an Associate's Degree in Data Science & AI from NUST. Proficient in Python, SQL, Power BI, Tableau, and Excel with strong analytical, problem-solving, and communication skills. Coursera-certified with real-world project experience in data cleaning, dashboards, and predictive analytics. Recipient of the Prime Minister Laptop Scheme Award.

Education

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

Technical SKILLS

Python	**SQL**	**Excel**
Pandas, NumPy, sklearn, MatPlotlib, Seaborn, Scipy	Software: MySQL, SSMS,	Tools: Pivot Table, Pivot Chart, Query Editor, Visualization.
Power Bi	**Tableau**	
Tools: DAX, Power Query, Visualization, Data Modelling.	Data Analysis, Calculated fields, Dashboard and reporting	**Machine Learning** Regression, Classification, Clustering

Projects

QUERYING AND DATA MANIPULATION WITH SQL–Personal Project   Aug 2023
- Extracted insights from relational databases using SQL queries with JOINs, subqueries, and aggregations
- Cleaned and transformed data with SQL functions; optimized queries and created views for reporting

SALES DASHBOARD USING TABLEAU – Personal Project   Sep 2024
- Designed a dynamic Tableau dashboard to visualize sales trends and KPIs across regions
- Integrated data sources and enabled interactive filtering for stakeholder insights

ADVANCED EXCEL ANALYSIS – Personal Project   April 2024
- Analyzed data using Pivot Tables/Charts and lookup functions to improve interpretation
- Automated tasks with VBA scripts, boosting workflow efficiency and accuracy

SALES DASHBOARD USING POWER BI– Personal Project   Sep 2024
- Built a dynamic Power BI dashboard with interactive visuals to track regional sales trends
- Used DAX for advanced KPIs and integrated diverse data sources for deeper insights

DATA ANALYSIS WITH PYTHON – Personal Project   Dec 2024
- Conducted EDA and preprocessing using Pandas, NumPy, and Matplotlib on real-world datasets
- Cleaned, visualized, and extracted insights to support data-driven decision-making

MACHINE LEARNING WITH PYTHON – Personal Project   Apr 2025
- Developed and tuned ML models using scikit-learn; applied cross-validation and performance metrics
- Preprocessed data and visualized model insights for interpretability

DEEP LEARNING WITH PYTHON – Personal Project   Jul 2025
- Developed deep learning models (ANN, CNN, RNN, LSTM) using TensorFlow/Keras
- Optimized performance with regularization and hyperparameter tuning

Certifications

- **Power BI for Beginners:Preparing Data For Analysi**s   Mar 2023
- **Getting Started with Power BI Desktop**-Coursera   Sep 2023
- **Ask Questions to Make Data-Driven Decision**   July 2023
- **Exploratory Data Analysis With Python and Pandas**– Coursera   Sep 2023
- **Introduction to Tableau** – Coursera   Feb 2024
- **Introduction to Business Analytics**– Coursera   Sep 2023
- **Fundamental Tools of Data Wrangling** - Coursera   Feb 2024
- **Data Science and AI**-NUST University   Apr 25-Jul 25

Awards

PRIME MINISTER LAPTOP SCHEME –Award Recipient   Dec 2023

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