

Skills

SQL Software: MySQL	MICROSOFT Power Bi Tools: DAX, Power Query, Power Pivot, Dashboard and Reports	MICROSOFT Excel Tools: Pivot Table, Pivot Chart, VLOOKUP, Macros, Power Query
Tableau Tableau Public: Creating interactive Dashboards	Python Libraries: pandas, NumPy, matplotlib, seaborn	Web scraping Python Libraries: re, os, requests, Selenium, Beautiful soap

Projects

MY AUTH MANGER –Personal Project	July 2024
<ul style="list-style-type: none">Engineered a comprehensive user authentication system using Python, integrating MySQL and Tkinter to create a seamless graphical user interface for account management.Devised a robust backend structure to handle account creation, deletion, updates, and secure logout functionalities, ensuring data integrity.Employed advanced SQL triggers and stored procedures to automate data validation, enhancing system reliability.	
TITANIC DATA EXPLORER –Personal Project	May 2024
<ul style="list-style-type: none">Conducted comprehensive data cleaning, analysis, and visualization on the Titanic dataset containing 1309 rows using Python (Pandas, NumPy, Matplotlib, Seaborn).Identified critical factors influencing passenger survival rates.Presented findings in a detailed report with clear and impactful visualizations.	
DATA PRO SURVEY ANALYZER –Personal Project	July 2024
<ul style="list-style-type: none">Cleaned and analyzed professional survey data containing 600-700 rows using Power BI.Investigated factors such as salary, age, gender, and preferred programming languages.Delivered insights through interactive and visually appealing dashboards.	
AIRBNB DATASET VISUALIZATION –Personal Project	April 2024
<ul style="list-style-type: none">Created visual dashboards in Tableau to track revenue and profit trends by location and property features.	
BIKE BUYER DATASET – Personal Project	June 2024
<ul style="list-style-type: none">Cleaned, analyzed, and visualized buyer trends using a dataset containing 1000-1050 rows using Excel to support sales strategies.	
UPWORK SCRAPER PRO –Personal Project	June 2024
<ul style="list-style-type: none">Engineered a sophisticated web scraping tool using Python's Selenium, BeautifulSoup, and requests modules.Automated data extraction from Upwork at daily intervals, ensuring up-to-date information, and stored the data in a CSV file using Pandas.	

Education

❖ BACHELOR OF COMPUTER SCIENCE (BCS) –COMSATS University Islamabad, Lahore Campus CGPA: 3.6 2024-PRESENT	
❖ INTERMEDIATE (FSC PRE MED) –Punjab groups of Colleges	1020/1100- 92.7% 2021-2023
❖ MATRICULATION (SCIENCE GROUP) –Dar-e-Arqam Girls High School	1098/1100- 99.9% 2019-2021

Certifications

DATA ANALYST CERTIFICATE –Issued by Alex Freberg	May 2024-July 2024
❖ Completed a comprehensive course covering practical data analysis techniques using Excel, SQL , Python, Tableau, and Power BI.	