

Muhammad Mujtaba Khan

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PROFESSIONAL EXPERIENCE:

Systems Limited, Karachi – Associate Consultant (Data Analytics)	Jul 2023 – Present
<ul style="list-style-type: none">Working on projects to deliver end-to-end data analysis on Power BI and Tableau, and providing consultation.Providing Big Data Support using Pyspark and coordinating with customers to understand their requirements.	
RI Software, Kyiv – Part-Time Data Scientist (Voluntered)	Aug 2023 – Nov 2023
<ul style="list-style-type: none">Developing and optimizing recommendation systems using Python for the software, and working on company KPIs.	
Market IQ (UdhaarBook), Karachi – Data Analyst	Sep 2022 – Jan 2023
<ul style="list-style-type: none">Developed credit scoring models using Python, which provided business merchants an opportunity to take loans.Analyzed data through Power BI on non-performing loans, and oversaw the complete ETL process using Python scripts.	
Institute of Business Administration, Karachi – Teaching Assistant (Artificial Intelligence)	Feb 2022 – Dec 2022
<ul style="list-style-type: none">Mentored students accompanied them with course concepts, and assisted the instructor with quizzes and assignments.	
A. F. Ferguson & Co. (member firm of the PwC network), Karachi – Data Analyst Trainee (TCRA)	Jun 2022 – Jul 2022
<ul style="list-style-type: none">Designed and developed BI reports, and provided insights to clients which improved decision-making in their business.	
TCF ADP Internship, Karachi - Math Instructor	Feb 2021 - May 2021
<ul style="list-style-type: none">Led a program to prepare 30 underprivileged students for the Mathematics module of the university entrance test.	

EDUCATION:

BS Computer Science	Institute of Business Administration, Karachi	CGPA - 3.83 / 4.0	Aug 2019 – May 2023
Cambridge A – Level	Nixor College, Karachi	3 A's	Aug 2017 – May 2019
Cambridge O – Level	PAF chapter, Karachi	2 A**s, 5 A's, 1 B	Aug 2014 – May 2017

SKILLS:

Data Science | Data Analysis | Python | SQL | NoSQL | Azure ML | Power BI | Tableau | Knime | EDA | Git | Pyspark

PROJECTS:

Final Year Project: Rapid Check, [Algorithm GitHub Link](#), [Backend GitHub Link](#), and [Frontend GitHub Link](#)

- Led the development of an assessment application, developed using Flutter and Node.js, that automates the grading process of short descriptive questions using NLP techniques offers innovative solutions for teachers and students.
- Applied reinforcement learning to determine the grading threshold and experimented with various word embedding models, ultimately utilizing sci spacy and creating our own spacy embeddings.

Business Intelligence: eBay, [Project GitHub Link](#)

- Developed impactful dashboards on Power BI that facilitated informed decision-making for eBay's stakeholders.
- Utilized Python for data wrangling and EDA, resulted in comprehensive insights into customer relationships.

Introduction to Data Mining: Severity Prediction – US Traffic Accidents, [Google Drive Report Link](#)

- Conducted data analysis on a large dataset with millions of records, utilizing Python and its libraries to clean and visualize the data, and providing key insights. Employed Knime to run various machine learning algorithms.

ADDITIONAL ACHIEVEMENTS:

- Dean's List (2nd Silver Medalist), All Semesters (BSCS IBA)
- Generative AI Fundamentals – Databricks Academy Accreditation
- Microsoft Certified Azure Data Scientist Associate – DP 100
- Microsoft Certified Azure Data Fundamentals – DP 900
- Spectrum'23 Data Science Competition (Winner) – DHA Suffa University
- Datathon 1.0 Machine Learning Competition (Runners Up) – IBA (Data Science Society)
- ByteCorp Procom'23 Data Science Competition (Winner) – Fast NUCES
- Microsoft Certified Power BI Data Analyst Associate – PL 300
- Data Analyst in Power BI Career Track – Datacamp
- Nexus CodeFest Speed Programming (Winner) and Speed Debugging (Runners Up) – IBA
- IEEE CodingGuru 4.0 Programming Contest (3rd Position) – LUMS
- CS50 Introduction to Computer Science – Harvard University

EXTRACURRICULAR ACTIVITIES AND INTERESTS:

- As captain, led the football team to the Final of Youth Rovers Premier League and Video Gaming
- Participated in Football, Cricket, Handball (Winner), and Netball (Runners Up) tournaments of the IBA Olympiad