

MUSTAFA SHOUKAT

Data Scientist & ML Architect

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EXPERIENCE

Data Scientist @ [COMET Estimating LLC](#)

10/2023- Present

- Over one year at COMET Estimating LLC I have led data analysis and [ML, DL, NLP, GENAI](#) Modeling and Chatbots projects for strategic business decision.
- Translate [business problems](#) into data science problems. Providing [actionable insights](#) and recommendations.
- Conducting presentations and demonstrations of [data science solutions to clients](#).
- I develop and implement advanced algorithms including ML, DL NLP and [GenAI models](#).

Business development & Sales Representative @ [COMET Estimating LLC](#)

2022- 09/ 2023

- Identified new business opportunities, resulting in increased revenue and market share for the company.
- Identifying and reaching out to potential clients. Presenting services to clients. Closing sales deals. Maintain relationships with existing clients. Meeting or exceeding sales targets.

EDUCATION & Certification

Bachelor of Computer Science

2023-2027

Virtual University, Lahore

Courses: C++ & Java Programming, [Calculus](#), [Linear Algebra](#), [Differential equation](#), OOP, Data structure and Algorithms.

Nanodegree in AI & ML

08/2023- 4/2024

Coursera and IBM

Courses: Python, Statistics, Data Science, [EDA](#), [Supervised and Unsupervised learning](#), [ML](#), [DL](#), [NLP](#), and [GenAI](#).

PROJECTS

- [NewsBOT: News Research, News Summarization and Question and Answering Tool](#)
- [Intelligent Conversational Agents Chatmodel with LangChain & RAG](#)
- [Fine-Tuning, PEFT, QLoRA-on-LLaMA-3](#)
- [Dog breeds Classification via DL and Transfer Learning \(Computer Vision\)](#)
- [Disaster vs Non-Disaster Tweets Classification \(NLP\)](#)
- [WiDS-24-2 Exploring Equity in Healthcare \(Kaggle Competition\)](#)
- [Bitcoin Price Predictions 2014-2024-Analysis of Market Trends & Forecasts \(Time Series\)](#)
- [Emotional Expressions Analysis form Tweets \(NLP\)](#)
- [Google -GOOG- Stock Prices Prediction 24\(Time Series\)](#)
- [Decoding Billionaire Trends Unleashing Kernel PCA](#)

TECHNICAL SKILLS

Languages: Python, Java, SQL
Data Skills: Structured & Unstructured data Cleaning, Handling, Preprocessing and Modeling.
AI Skills: ML, DL, NLP, Transformers, GENAI, RAG, Advance Transfer learning for LLMs.
Tools/Platforms: GitHub, Colab, VS Code, Kaggle, OpenAI, Hugging Face, Langchain and wandb.

ACHIEVEMENTS

- KFUEIT University English Speech Competition - [University-wide Certified Winner](#) 2023.
 - [Best Performance Award](#) form COMET Estimating LLC (07/2024),
 - [AI Enthusiasts](#) Training 50+ students in Data Science, 80+ Students in Marketing and Customer Care.
 - [WIDS Dathon 2024](#) # 2 ranked in the top 12% on the leaderboard (**Kaggle Competition**).
 - Certified Data Scientist form [IBM and Coursera](#) 06/2023-04/2024.
 - Solved 30+ Data Science problems on [LeetCode](#).
 - [Kaggle](#) Notebook Expert.
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