usamah.abdulazeez@gmail.com
+1-312-838-9884

Usamah Abdulazeez

linkedin.com/in/usamah.abdulazeez/

Summary

Aspiring data analyst skilled in data analysis and model building. Entrepreneurial spirit with a record of taking ownership and action. Eager to make an impact in the data industry.

Education

MS in Data Science - Illinois Institute of Technology.   *2022-2024*

BS in Industrial Engineering – King Fahd University of Petroleum & Minerals.   *2015-2020*

Skills section

- **Programming Languages:** Python, SQL, R, Java, JavaScript, Cypher (Neo4j), HTML
- **AI & Machine Learning:** Recommendation Systems, Regression, Clustering, Deep Learning (CNN, RNN, GAN), NLP, LLM, Computer Vision, Forecasting, scikit-learn, PyTorch, TensorFlow, Keras
- **Data Engineering & Big Data:** Snowflake, Databricks, Spark, Hadoop, Hive, PIG, BigQuery, MongoDB
- **Technology & Operations:** AWS, Azure, Tableau, Excel, Docker, Kubernetes
- **Industrial Eng:** Supply Chain Optimization, Operations Research, Quality control

Experience

Independent & Course Projects   *Aug'22– Present*

- Led a **multi-label tag prediction** project, employing PITF and MLC techniques to achieve ~80% precision & recall.
- Collaborated on a bird audio **classification** project using CNNs, focusing on data preprocessing and augmentation.
- Built an SQL learning platform with Flask, SQLite, and OpenAI to convert natural language to SQL and provide query explanations.
- Developed a Chrome extension for Lichess that leverages **LLMs** and Stockfish (hosted on Render) to deliver positional analysis.

Data Analyst Intern *– Koinz / ShopX*   *Jun'19– Sep'19*

A startup that is the first social food app in the MENA region, pioneering social commerce solutions that elevate the takeout experience in the food and beverage industry.

- Designed interactive dashboards in Tableau that are **used by 300+** restaurants and cafes in the Middle East.
- Analyzed brand performance data using Cypher in the Neo4j database, extracting valuable insights.
- Supported various teams, by improving their productivity through developing automation scripts for tasks in Excel.

Founder & President *– KFUPM Consulting Club (Extracurricular)*   *May'18–May'20*

Established the first university-based consulting club in Saudi Arabia, now one of the largest in MENA, to guide students into consulting.

- Orchestrated 15+ events and workshops, fostering collaborations with top firms like McKinsey, BCG, and Kearney.
- Launched the first University Case Competition with 50+ participants in partnership with McKinsey.

President *– IET-KFUPM (Extracurricular)*   *Sep'17–Jun'19*

IET is the Institute of Engineering and Technology that works to promote engineering among young professionals.

- Organized the "Trap Quiz" twice, a unique trivia night competition with 100+ participants.
- Organized the Treasure hunt, a two staged event with 50+ participants.