

Khalil Abu Mushref

Data scientist | Business Analyst

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PROFESSIONAL SUMMARY

Results-driven Data Scientist with a strong foundation in Python, SQL, and advanced analytics. As of now, I am doing an MBA with IT as my area of interest after having attained a master's degree in Data science. My expertise lies in fintech, healthcare, and business intelligence, with certifications in Cloud, Scrum, Power BI, and Databricks. Through leveraging tools such as Databricks, Power BI, and SQL for impactful insights; I specialize in using data to drive decision-making processes, streamline operations, and develop predictive models that enable insight-oriented organizations. Machine learning (ML), deep learning (DL) agile methodologies are areas where I work continuously to bring out innovation.

KEY COMPETENCIES

- Advanced-Data Analytics & ML
- Agile Methodologies & Project Mngmnt
- Business Intelligence & Data Visualization
- AI & Deep Learning
- Cloud Computing & Data Engineering
- Technical Documentation & Communication
- Strategic IT Leadership
- Data Privacy & Security

PROFESSIONAL EXPERIENCE

IT Business Analyst Specialist

Sep 2023 - Present

Cloud solutions

- Streamlined Requirements: Developed a process for gathering business requirements, producing 1,200+ pages of documentation, and cutting project delivery time by 70%.
- Standardized Reporting: Implemented a reporting framework with Microsoft Power Platforms, improving metric visibility and enabling data-driven decisions with 100+ dashboards.
- Employee Training: Trained 8+ employees in BI systems and created a Business Analyst training program, boosting efficiency and skill development.

Data Scientist (Contract)

Apr 2022 - Sep 2023

Council of Engineers Association

- Advanced-Data Analysis and Model Development: Conducted in-depth data analysis and developed predictive models and algorithms to provide actionable insights for key engineering projects.
- Visualization and Reporting: Created visualizations and dashboards that translated complex data into clear, actionable insights, supporting the Council's decision-making processes.
- Technical Documentation: Authored detailed technical documentation for data models and algorithms, ensuring reproducibility and knowledge sharing across teams.

Software Data Science Internship

Oct 2021 - Apr 2022

Digital cash

- Software Development: Built and deployed an app, focusing on RESTful services with Spring Boot in an agile setting.
- Data Processing: Developed data pipelines for large datasets, optimizing flow and integration & created MLs.
- Data Analysis: Extracted insights from application data to drive improvements.

EDUCATION

Masters of Science In Computer Science

UCSI University **Present**
Thesis in Data Science

Financial Data Analysis Algorithmic Trading: Developing Predictive Models Using Financial Time Series Data

Masters of Business Administration

Monash university **Present**
Specialized in IT to enhance my leadership and strategic skills

Bachelor of Computer Engineering

University of Jordan
Virtue: Mental Health Application
Graduation project with a research publication & Deployment

CERTIFICATIONS

Accelerated Data Science

NVIDIA

Databricks Certified Data Engineer

Databricks

Azure Enterprise Data Analyst

Microsoft (DP-500)

Power BI Data Analyst

Microsoft (PL-300)

Azure Data Fundamentals

Microsoft (DP-900)

Tableau Certified Data Analyst

Tableau Salesforce™

Database SQL Certified

Oracle

AWS Data Engineer

AWS

AWS Solutions Architect

AWS

Designer Advanced

Alteryx

Designer Expert

Alteryx

Professional Scrum Master

Scrum.Org