Ahmad Almutawa

Lead Data Scientist

Certified Lead Data Scientist with diversified IT, BI skills, and project leadership experience. Strongly focused on using Advanced Analytics like Machine Learning and Artificial Intelligence to enable and lead data-driven culture in businesses

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EDUCATION

Master in Business Analytics and Big Data
IE University, Spain - Madrid (2020 - 2022)

Courses

- Statistics and Optimization Techniques
- Deep Learning - NLP - Computer Vision - Time Series Analysis
- Big Data & AI in Finance and Marketing
- Machine Learning
- Big Data Architectures (Spark - Hadoop - MongoDB)
- Business Intelligence & Data Warehousing

BSc Business Computing Systems
University of Northampton, UK (2011 - 2014)

WORK EXPERIENCE

Director of Data Science & BI
Tawuniya

02/2024 - Present

Achievements/Tasks

- Leading the development, implementation, and management of advanced analytics and BI strategies, driving data-driven decision-making across the company
- Collaborating with C-suite executives to align data initiatives with business objectives, optimizing operations and enhancing business insights
- Spearheading GenAI and Large Language Model (LLM) projects, including sizing and planning for scalable solutions to enhance document understanding and customer interaction capabilities

AI Instructor (Part-Time Contract)
SDAIA

04/2024 - 06/2024
AI Mentor and Instructor at SDAIA AI Bootcamp

Manager of Fraud Data & Technology
Arab National Bank (ANB)

09/2023 - 02/2024

Achievements/Tasks

- Oversee fraud engagement strategies and maintain fraud systems, ensuring efficient resource management
- Define, review, and approve counter-fraud technology, including algorithms, scenarios, and rules
- Manage relationships with fraud tech vendors and test system effectiveness for ongoing improvements
- Implement data controls, oversee data governance, analyze fraud threats, and support team development and training

WORK EXPERIENCE

Advanced Analytics & Modelling Principal
CVM Marketing, Mobily

09/2022 - 08/2023

Achievements/Tasks

- Leading the Data management & governance activities and ensuring data quality, integrity, and security by following best practices and standards
- Applying data science and machine learning techniques to analyze customer behaviour, preferences, and needs across the customer lifecycle
- Leveraging data storytelling and visualization to communicate insights and recommendations to stakeholders
- drive and implement key improvement initiatives and strategies by collaborating with other teams such as product, campaign management, Datawarehouse, and IT stockholders to integrate results into working products
- Querying and manipulating data from TeraData database using SQL to build reports and analytical datasets
- Developing and deploying predictive models to optimize customer value, retention, revenue, and offer conversion
- Researching and implementing new data sources, tools, and techniques to enhance marketing analytics capabilities

Data Scientist
Accounting and HR, Saudi Aramco

07/2019 - 09/2022

Achievements/Tasks

- Building forecasting & data processing models and reports using advanced technologies including Python, Alteryx, and Power BI
- Supporting organization members on utilizing new analytical tools and technologies to enable Citizen Development
- Studying historical data to find correlations, create dashboards, Develop corporate models and report KPIS & insights based on statistical approaches

Information Security & Auditing
Saudi Aramco

10/2014 - 06/2019

Achievements/Tasks

- Performing audits in Identity and Access Management, Extranet network, and Secure Software Development Lifecycle (S-SDLC)
- Monitoring and reviewing security logs as a SOC Analyst as well as phishing patterns and SAP access
- Implementing Data Protection Program and Data Leakage Prevention including performing risk assessment and recommendations
- Formalizing and delivering a variety of training & awareness contents

Session Lead & Mentor
Udacity

12/2020 - 09/2021   *Part time*
Business Analytics Nanodegree

PROJECT EXPERIENCE

Fraud Management System (FMS) Implementation (09/2023 - 02/2024)
- Led the FMS implementation, integrating fraud detection algorithms, ensuring compliance, and conducting a comprehensive data assessment to capture all relevant attributes from various systems, enhancing fraud monitoring.

FTTH Analytical Dataset (01/2023 - 07/2023)
- Utilizing FTTH (fiber to the home) data to build analytical models for customer segmentation, churn prediction, and network optimization

Virtual Assistant For Accounting Portals (06/2022 - 08/2022)
- Developed a chatbot that can support and handle inquiries addressed to the corporate portals "Miscellaneous Payment System" (MPS) and "Approval Authority Engine" (AAE)

VaT Reconciliation Analysis Model (02/2022 - 06/2022)
- Working closely with VaT Analyst to develop a model in Alteryx that perform and automate the VaT reconciliation

Jamai'iah Fintech (10/2021 - 01/2022)
- Developed a social funding Fintech solution "Jam3eyah" that uses machine learning to rank members based on their credit score.

Point of Sales Transactions Dashboard (03/2021 - 10/2021)
- Led the project in creating model, dashboard, and report about Point of Sales Transactions in different sectors and cities in Saudi Arabia

PROJECT EXPERIENCE

Diversity & Inclusion Female Target (04/2020 - 06/2020)
▢ Provided recommendations for the future female workforce targets by taking into account the historical and current female population in the workforce as well as the revised hiring strategies

Eligibility Medical Recipients (EMR) (03/2020 - 06/2020)
▢ Participated in creating a model that generates the year-end-estimate for people who are eligible for medical coverage according to the company policy

Saudi Aramco Workforce 10-Year Forecast (12/2019 - 01/2020)
▢ Gathered requirements, analyzed resources, and created the trends for hiring and attrition based on historical and corporate business input

Office Space Occupancy Forecast Model (07/2019 - 12/2019)
▢ Created the model by combining monthly data that was gathered from different systems into one unified model that estimates the office space need in the upcoming years

Information Security Analyst (ISA) System Enhancement (01/2018 - 12/2018)
▢ Analyzed the requirements for the ISA System enhancement
▢ Designed and delivered an awareness session to IT Help Desk staff

SAP Advanced Planning and Optimization System Upgrade (10/2016 - 04/2017)
▢ Represented Access Management Division by providing authorization & security support to other entities

SKILLS

`Python` `SQL` `R` `Java` `Alteryx` `Tableau` `Power BI` `Chatbot Development` `IBM Watson` `Flask`

`IBM Safer Payment`

CERTIFICATES

Large Language Models Bootcamp, Data Science Dojo (09/2024)

Management Acceleration, Strategy and Teams (06/2024)

Insurance Acceleration, BIB (02/2024)

Introduction to FinTech, Hong Kong University (10/2022 - 12/2022)

Machine Learning & Predictive Analytics Nanodegrees, UDACITY (2019 - 2020)

Building AI Powered Chatbots, Coursera (01/2022 - 02/2022)

Training Certificate (10/2021)
Association for Talent Development (ATD)

Alteryx Designer Core Certification, Alteryx (01/2022 - 01/2022)

Predictive Analytics Nanodegree, UDACITY (09/2019 - 12/2019)

Data Analyst Nanodegree, UDACITY (10/2018 - 03/2019)

Certified Tech Associate in SAP Authorization and Auditing for SAP NW, SAP (2018)

Certified GIAC Information Security Fundementals (GISF), SANS (2015)

HONOR AWARDS

Winner of AI Sport Challenge (07/2022 - 11/2022)
Ministry of Sport & Monshaat

Cognitive Challenge Winner (11/2020 - 05/2021)
IE University Master of Business Analytics and Big Data

Datathon Winner (2020)
Thakaa Center & Sharqiya Data Community

Employee Recognition Program (2017)
Saudi Aramco
▢ Recognized for the implementation of the 4 Critical Behaviors awareness program in my organization

VOLUNTEER EXPERIENCE

Analytics Team Lead and Data Research Analyst
Bayan (Data Science & Artificial Intelligence)

02/2020 - 03/2022

VOLUNTEER EXPERIENCE

Translator
Saudi Film Festival, ITHRA - Saudi Aramco
01/2016 - 03/2020

REFERENCES

Available based on request