Ahmed Ewis

⚲ Kuwait ✉ eng_ahmed95@outlook.com ▯ +96560408685 in linkedin.com/in/ahmedewis95 ☁ github.com/AhmedEwis

SUMMARY

Microsoft Certified Data Scientist, Google Cloud Certified Associate Cloud Engineer, and Google Professional Machine Learning Engineer with 4+ years in the field. As a Senior Data Scientist, I specialize in deriving data-driven solutions and robust problem-solving. With proficiency in analytics and leadership, I've transformed challenges into insights. Committed to growth and bridging technical knowledge with stakeholders, I'm a pivotal contributor to organizational success.

EXPERIENCE

Sr. Data Scientist | Warba Bank | Kuwait | February 2023 - Present
- Developed a custom chatbot using OpenAI's LLM and LangChain, reducing manual query handling by 70% and integration with Microsoft Teams.
- Utilized Docker, and GitHub Actions for efficient production deployments, and managed Azure deployments, addressing setup and infrastructure challenges.
- Developed a sentiment analysis model with deep learning, targeting nuances in the Kuwaiti dialect.
- Resolved 10+ business cases, providing the marketing team with insights that enhanced campaign effectiveness by 20% based on detailed statistical analysis.
- Headed a data scientist team, driving a 25% rise in both customer satisfaction and operational efficiency.

Data Scientist | Warba Bank | Kuwait | February 2022 - February 2023
- Developed a range of machine learning models encompassing credit card and personal finance propensity models, customer churn prediction, budget forecasting, product recommendation systems, and customer segmentation analysis.
- Enhanced conversion rates by 30% using A/B testing, leading to a 10% profitability boost and refined customer conversion assessments.
- Introduced and institutionalized a novel customer segmentation method via clustering models across the bank.
- Utilized advanced tools for data analysis, boosting processing efficiency by 30%.

Artificial Intelligence Specialist (Part Time) | Kilky AI | Kuwait | July 2021 - December 2022
- Showcased adeptness in PyTorch-based Generative Adversarial Networks (GANs), incorporating deep learning methodologies.
- Employed prominent pre-trained models including DALLE, BERT, and CLIP for a range of AI applications.
- Enhanced task performance by 25% through advanced fine-tuning of models using custom datasets.
- Amplified speech recognition precision by 20% through NLP and Microsoft & Google APIs.
- Generated NFTs via the stable diffusion model and deployed through AWS SageMaker.

Chemical Engineer | Bait Al Aseel Group | Kuwait | August 2018 - January 2022
- Maintained all technology documentation, providing updates and addendums when required.
- Leveraged data analysis tools to assess historical data, employing descriptive and diagnostic analyses to forecast close to 95% of the optimal pricing and conditions for multiple projects.
- Crafted an Excel costing template streamlining price estimation for employees, resulting in time savings and precise calculations of up to 90%.
- Developed processes based on critical needs, preset efficiency standards, and cost reduction measures up to 50%.

Kaggler - Competitions Contributer | Kaggle - kaggle.com/ahmedewis | Online | July 2020 - December 2021
- Actively participated in Kaggle competitions—affiliated with Google LLC—contributing to the global data science community.
- Achieved Top 15% in OSIC Pulmonary Fibrosis (300/2097) using CNN to predict lung function decline.
- Ranked in the Top 19% for Cassava Leaf Disease Classification (732/3900) using CNN for disease detection on leaf images.
- Placed in the Top 24% in BirdCLEF 2021 challenge (189/816) for bird call identification using deep learning with CNN.
- Secured Top 20% in Rainforest-Connection-Species-Audio-Detection (218/1143) leveraging CNN techniques.

Research Co-Supervisor (Part Time) | Kuwait University | Kuwait | March 2019 - February 2021
- Helped students to recognize learning issues evidenced in one-to-one support instruction. Data Cleaning and data mining techniques to assist the research students.
- Increased the accuracy of models by 40% and helped students gain a higher understanding of the research by providing 60% more research support.
- Streamlined research process and reduced data processing time by 70% and improved data collection methods, increasing accuracy by 50%.

Data Analyst Intern | KPMG Corporate Finance LLC | Online | July 2020 - August 2020
- Undertook a virtual internship in Data Analytics Consulting, focusing on data analysis and reporting.
- Enhanced data analysis accuracy by 35% using Data Quality Assessment methods, achieving 80% accuracy in visual impairment estimations.
- Presented Data Insights reports with key findings derived from descriptive and inferential statistics to the management.
- Developed a dashboard aligned with KPMG's standards, reflecting 3,490 customers and achieving a 10.93M KPI.

Data Science Intern (Training Program) | 365 Data Science | Online | February 2020 - June 2020

- Gained a thorough understanding of data science, encompassing data mining, statistical analysis, and machine learning.
- Acquired proficiency in tools of Python, R, SQL, PowerBI, Tableau, and Git for the entire data science workflow.
- Trained on a breadth of data science packages, from data entry to deep learning and AI.
- Completed 28 intensive courses, each reinforced with exercises and projects.
- Deployed predictive models in data pipelines, boosting accuracy by 20% through feature engineering, tuning, and ensemble models.

PROJECTS

Thesis Research | Kuwait University | January 2021 - January 2023
- Conducted research on air quality assessment, using computational modeling and time series analysis to predict and forecast air pollutants in the north of Kuwait.
- Utilized a complete comparison between advanced ARIMA models, traditional machine learning algorithms, and deep neural networks to achieve accurate results in test datasets reaches to 91%.
- Thesis research contributed to a deeper understanding of air quality dynamics and offered actionable recommendations to the Kuwait authorities to enhance the vision of Air Pollution by 50%.

EDUCATION

Master of Science: Chemical Engineering | Kuwait University | Excellent with Distinction | 3.71 | 2023

Bachelor of Science: Chemical Engineering | Kuwait University | Kuwait | 2018

CERTIFICATIONS

Microsoft Certified: DP-100 Azure Data Scientist Associate | Microsoft | 2023
Validates my expertise in designing and implementing scalable data science solutions on the Azure cloud platform.

Google Cloud Certified Associate Cloud Engineer | Google | 2023
Affirms my proficiency in deploying, monitoring, and maintaining projects on Google Cloud Platform.

Google Professional Machine Learning Engineer | Google | 2023
Demonstrates my advanced skills in designing, building, and deploying machine learning models using Google Cloud technologies.

IBM Data Science Professional Certificate | IBM | 2020
Provides foundational data science skills, including data analysis and machine learning with Python, enabling effective data-driven problem-solving.

Machine Learning by Stanford University | Stanford University | 2020
Prof. Andrew Ng offers an in-depth introduction to machine learning and algorithms, priming individuals for advanced AI and data analysis roles.

COURSEWORK

Recognition Award | Kuwait | Motivation, Goal Setting, Strategic Thinking | 2023
Being recognized as the "Ambitious" in the Digital Group.

Recognition Award | Kuwait | Time Management, Collaboration, Communication | 2022
Being recognized as the "Team Player" in the Digital Group.

Datathon Competiton | Kuwait | Teamwork, coding competition | 2021
Participated in the 1st Modeling competition in Kuwait Datathon supervised by Gulf Bank and CODED Academy and placed in the third place.

Dean's Honor List | Kuwait | Attention to Detail | 2018
Been in the dean's honor list for Chemical Engineering students 2018 by achieving a GPA of 3.85 in the semester.

Senior Project | Kuwait | Research and Analysis, Leadership, Problem Solving | 2018
Excellent in the senior project.

SKILLS

Soft Skills: Problem-Solving, Decision Make, Recommendation, Leadership, and Assessment.

Programming languages: Python, R, SQL Server, NoSQL, Keras, TensorFlow, PyTorch, Julia, Git, Azure CLI, Cloud Solutions.

Back End: Flask, FastAPI, Docker, Azure Cloud, Google Cloud, AWS SageMaker, Heroku, Firebase, Supabase | Front End: HTML, CSS, Streamlit, Gradio, WordPress.

Mobile App: Flutter, Flutter Flow, Kivy.

Reporting and Data visualization: Power BI (with Query Editor), Tableau, Advanced Excel.