

Sadeem Abdullah Alsawat

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ABOUT

Data Scientist with a strong foundation in data analysis, machine learning, and statistical modeling. Skilled in SQL for data manipulation, extraction, and database management. Experienced in extracting insights from complex datasets and building predictive models to drive data-driven decisions. Passionate about continuous learning and staying updated with the latest advancements in data science and artificial intelligence.

EDUCATION

University of Jeddah Jeddah, Kingdom of Saudi Arabia
Bachelor's degree in data science
Minor in Fintech and Banking
GPA: 4.56 Graduated with Second-Class Honors - Excellent
Jun 2020 – Dec 2024

PROFESSIONAL EXPERIENCE

Data Science Trainee Jun 2024 – Aug 2024
SANS (Saudi Air Navigation Services) Jeddah, Saudi Arabia

- Developed predictive models to enhance operational efficiency for airline services.
- Designed and implemented an interactive dashboard to monitor and visualize flight data, providing actionable insights for the operations team.
- Conducted extensive data cleaning and exploratory data analysis (EDA) to identify trends and patterns in flight schedules and booking behaviors.
- Evaluated model performance using metrics such as accuracy, precision, and recall, and optimized models to improve predictive accuracy.
- Collaborated with cross-functional teams to understand business requirements and deliver data-driven solutions.

PROJECTS

- (Yaqez |) Enhancing Surveillance Security | University of Jeddah** 2024
A real-time deep learning-based system for detecting suspicious human activities via CCTV surveillance.
- Street Tree Census | University of Jeddah** 2023
Using classification models and pre-processing to predict street tree health. Data Mining Course
- Gravity Hackathon** 2024
AI-powered audio guide revolutionizes astronaut medical care with real-time, personalized first aid and treatment advice. By Lablab

SKILLS

- Microsoft Office:** Excel, PowerPoint, Power BI, Word
- Programing language:** Java, Python, C++, NoSQL, SQL, R
- Data Tools:** Tubule, Spark, Hadoop, Hive, Rapid miner, Excel
- Data Visualization**
- Data Mining**
- Machine Learning and Deep Learning**
- Soft skills:** Communication skills, Problem-solving, Leadership, Teamwork & Cooperation

CERTIFICATES

- Data Analytics Professional Certificate** | google
- Big Data** | Ministry of communication and information technology
- Data Science Track** | Fuel
- Data Science Professional Certificate** | IBM

ACHIEVEMENT

- First Place:** Aircraft Departure Management Project SANS, 2023
- Third Place:** Gravity Hackathon LabLab, 2023
- Participant:** Datathon – Developed real-time traffic monitoring using YOLO8 & Google API SDAIA, 2023
- Participant:** Techmeetup 4 – Created a lung disease classification model with a user-friendly interface. by Google

VOLUNTEERS

- Volunteer – Member of Engitrium** 2020, 2021
- Volunteer – Member of Data science club** 2023 - 2024

LANGUAGES

- Arabic
- English