

# Muhannad Abdulhakim Alahmadi

## Junior Data Scientist

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### 🎓 Education

#### Bachelor's degree in computer information systems

Taibah University

09/2019 – 06/2024 | Medina, Saudi Arabia

### 📁 Experience

#### Tuwaiq Academy

Data Science and Machine Learning Bootcamp

10/2024 – 12/2024 | Riyadh, Saudi Arabia

### 🧠 Skills

Machine Learning

python

Data Mining

SQL

Data Storytelling

Data visualization

HTML

CSS

Java Script

### 🌐 Languages

Arabic • English

### 📁 Projects

#### PRODUCT DETECTION SYSTEM FULL PROJECT

system for supermarkets to reduce congestion. The system uses artificial intelligence techniques to recognize images of products captured in photographs.

**Techniques:** Used YOLOv8 in addition to robeflow to classify products.

#### Used Car Price Prediction Project – Saudi Arabia

**Overview:** Analyzed the used car market, focusing on price factors, regional trends, and popular brands.

**Data:** Collected from Sayarah (2023) and published on Kaggle.

**Models:** Built and refined predictive models for car price estimation and categorization.

**Tools:** Pandas, Scikit-Learn, Jupyter Notebook

#### Riyadh Housing Market Analysis Project

**Overview:** Analyzed the Riyadh housing market to identify price determinants, regional trends, and property features.

**Data:** Used the Riyadh Aqaar Dataset (2023), covering apartment listings, prices, and characteristics.

**EDA:** Conducted in-depth analysis on price distribution, district trends, and size-based valuations.

**Tools:** Matplotlib, Seaborn, Streamlit.

#### Saudi Arabia Job Market Analysis Project

**Overview:** Analyzed job postings from Jadara to understand regional distribution, gender preferences, salary expectations, and experience requirements.

**Key Steps:** Problem definition, data collection, quality checks, and exploratory data analysis (EDA).