



# MOHAMMED SHARAP

## Data Scientist

### My Contact

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### Courses

#### Data Science Course (+360 Hours)

- (Coding Academy by Orange)

#### Introduction to Python

- (Sololearn)

#### Applied photovoltaic systems

- (SEED Project)

### Technical Skills

- Python
- Data Cleaning
- Data Visualization
- Machine Learning
- Statistical Analysis
- MS OFFICE

### Soft Skills

- Leadership skills
- Communication Skills
- Analytical Skills
- Team work
- Quick Learner

### About Me

Data Scientist with mechanical engineering background, skilled in predictive modeling, data processing, and algorithm techniques to solve challenging business problems. Involved in the Python open source community and passionate about machine learning.

### Education Background

- **Coding Academy by Orange**  
Data Science Course (+360 Hours)
- **MUTAH UNIVERSITY**  
B.SC In Mechanical Engineering  
(Thermal Power and Energy)  
(2016 - 2021)

### Professional Experience

#### Abwaab Education Platform

Product Operations Coordinator  
( Feb 2021 - July 2022 )

### Data Science projects

#### Customer Churn Prediction

- Created ML model (Random forest classifier and logistic regression).
- Feature selection (SelectKbest).
- Fixing imbalance data (class weight compute).
- Hyperparameter tuning (GridSearch).
- Built a Graphical User Interface (Tkinter).
- Using Python libraries (sklearn, pickle).

#### Food Price Forecasting

- Importing, cleaning, manipulating, and visualizing the data and applying probability and statistical techniques using Python library (Numpy, Pandas, Seaborn).