

AMR MOHAMED ASHOUR

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SUMMARY

Machine Learning Specialist with strong background in predictive modeling, data processing, and data mining algorithms to solve challenging business problems using Python.

SKILLS

Python	· Libraries needed in Machine Learning (NumPy - Pandas - Sklearn - MATplotlib - Seaborn)
Machine Learning skills	<p>Supervised Models: K-Nearest Neighbor (KNN) - Support Vector Machine (SVM) - Naive Bayes - Decision Tree - Random Forest</p> <p>Unsupervised Models: K-Means Clustering - Hierarchical Clustering</p> <p>Model Selection: Precision & Recall for Classification - R2 Square & Mean Square Error for Regression</p> <p>Parameter Tuning: GridSearchCV</p>
Soft Skills	· Work Under Pressure - Communication Skills - Team Player - Enthusiastic Learner

PROJECTS

GP Cairo University	Trying to classify Age and Gender from dorsal hand veins pattern using computer vision and machine learning
GP Epsilon Institute	Predicting who will be able to repay the loan in time using various statistical and machine learning methods to make these predictions. Doing so will ensure that clients capable of repayment are not rejected and that loans are given with a principal, maturity, and repayment calendar that will empower their clients to be successful.

EXPERIENCE

2019-2020

Machine Learning Specialist (Specialized Diploma)

Epsilon Training Institute

Learning Machine Learning Methods & Techniques by using Python plus
Working in Various Projects to apply such methods in Supervised &
Unsupervised Machine Learning

EDUCATION

Dates From-To

Bachelor Degree In Systems & Biomedical Engineering

Cairo University

COURSES & TRAINING

IBM Badges:

MACHINE LEARNING WITH PYTHON (1 Course)

Python for Data Science (3 Courses)

Applied Data Science with Python (3 Courses)

Cognitive Class:

Data Visualization with Python - Data Analysis with Python - Machine
Learning (Dimensionality Reduction) - SQL & Relational Databases

American University in Cairo (AUC): Management Program

Tera courses:

Communication Skills - SQL - HTML - CSS - Python (OOP)

REFERENCE

Upon Request