

PETER POTROS

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Cairo, Egypt.

SUMMARY

About 2 years of experience in, BI process, Data Analysis, Machine Learning discovering patterns in data and make predictions to answer business questions.

EXPERIENCE

BI Instructor at GoMyCode

March 2023 till now

BI Developer at DataGear

Feb 2022 till now

Creating Clients' needs of reports and dashboards using ART (Analytical Reporting Tool) from Core banking sources

Machine Learning Intern at Softec Technologies

Oct 2021 to Dec 2021

Building a graphical user application that helps users to generate probabilistic machine learning models without writing the codes using Windows Presentation Foundation (WPF) and Infer.Net.

Machine Learning Intern at Omdena

Nov 2021 to Dec 2021

Building NLP model that translates English data science content to Arabic

Data Scientist Intern at Machinfy

Sep 2021 to Oct 2021

Built a classification model to see whether the COVID-19 patient would die or not based on the features in the dataset.

ONLINE COURSES

SAS Programming (Coursera)

learned data manipulation techniques using the SAS DATA step and procedures to access, transform, and summarize data.

Data Scientist with Python Track (Data camp)

88 hours, 23 Courses

6 Projects, 3 Skill Assessments

Machine Learning Engineer Nanodegree (Udacity)

Learned how to build, train and tune hyperparameters for different AWS SageMaker built-in and custom machine learning models and finally deploy on a web application through endpoint using Amazon API gateway and lambda function.

Advanced data analysis Nanodegree program (Udacity)

learned more python libraries like Seaborn and Matplotlib.

How to use probability and statistics methods like hypothesis testing and P_value to explore the data and find insights into it.

How to draw visualization and conclusions and finally make predictions.

Professional data analysis Nanodegree program (Udacity)

Learned python programming language and most data science libraries like Numpy, Pandas and how to gather data about the problem using APIS, web scraping or from different file formats and clean it into a format one can use and fix any problems with it.

AWS Certified Data Analytics - Specialty certificate

EDUCATION

9-months Diploma of Artificial Intelligence

Information Technology Institute (ITI) Powered by
Ecole d'Ingénieurs en Informatique (EPITA)

Apr 2021 to Dec 2021

Bachelor's Degree of Petroleum Engineering (80.63%)

Faculty of Petroleum and Mining Engineering- Suez
University

2013 to 2018

High School (99.2%)

Refaa secondary school, Tahta, Sohag

2011 to 2013

SKILLS

Python - Java - Oracle - MS SQL Server - Microsoft
SSIS - Microsoft SSAS - Microsoft SSRS - PostgreSQL -
NoSQL - MongoDB - SAS Enterprise Guide - SAS
Programming - SAS studio - SAS Visual Analytics -
PySpark - Cloud AWS - Linux - BeautifulSoup -
Selenium

Machine Learning Algorithms - Deep Learning - Data
Analysis - Data Visualization - Data Warehouse
Design - Web Scraping - Big Data - Predictive
Analytics - AB Testing - RESTful API

Problem-solving - Time-Management - Teamwork -
Self-management

LANGUAGES

Arabic	Native
English	Very good

PORJECTS

BI Projects

Creating reports and dashboards using ART (Analytical Reporting Tool) from Core banking sources

Designing Business Requirement documents (BRD)

Clients:

Housing And Development Bank (HDB) Reporting Project
Faisal Islamic Bank (FIB) Reporting Project
Financial Regulatory Authority (FRA) Reporting Project
Banque Misr Reporting Project
The United Bank (TUB) Reporting Project
Credit Agricole Egypt (CAE) Reporting Project
Abu Dhabi Commercial Bank (ADCB) Reporting Project
NCBA Bank Kenya Reporting Project
Abu Dhabi Islamic Bank (ADIB) SAS Enterprise Guide Training

COVID-19 Case Surveillance Public Use Data

Responsible for building a classification model to see whether the COVID-19 patient died or not based on the features in the dataset using random forest classifier and deep learning.

NLP to Translate Data Science Content into Arabic

Using Machine Translation and transformer models to Translate English Data Science Content into Arabic.

Seoul Bike Rental Prediction 8th/110 (Kaggle Competition)

Predicting the total count of bikes rented during each, using only information available prior to the rental period using time series techniques.

Car Crashes' Severity Prediction 35th/138 (Kaggle Competition)

predicting the severity of the crash out of 4 levels based on information about the environment of the car crash.

Data analysis using Twitter API

gathered the data from the dogs_rates Twitter account using Twitter API which displays the doges' pics and their reviews, then wrangled these data from missing and incorrect data to explore them and made data visualization of the results.