

Magdy Magdy Laban

Data Analyst

A computer science student who is passionate about data science and machine learning.



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Damietta (Willing to relocate),
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SKILLS

Python R SQL

Scikit-Learn Tableau

PowerBI Git & GitHub

Statistics

Relational Databases

Data Wrangling

Data Analysis

Data Visualization

Machine Learning

Microsoft Office

Problem Solving

Research Skills

EDUCATION

Faculty of Computer Science and Information Systems

Mansoura University

09/2017 - 07/2021

Good

EXPERIENCE

Virtual Data Analysis Intern

Quantium

Achievements/Tasks

- Conduct analysis on your client's transaction dataset and identify customer purchasing behaviours to generate insights and provide commercial recommendations.

Innovation Ambassador (Volunteer)

Technology Innovation and Entrepreneurship Center (TIEC)

01/2020 - Present

Innovation Ambassadors is a community of university students and graduates from all over Egypt who are passionate about ICT Innovation and Entrepreneurship, eager to share their experience with others, and care about helping other students to benefit from TIEC different innovation and entrepreneurship programs directed to potential future innovators and entrepreneurs.

PERSONAL PROJECTS

Clerk (Graduation Project)

- Building a grammatical error correction model using transformer architecture.
- Deploy the model to Fast API to easily make predictions.

MSDR package

- Cleaning and visualizing NOAA earthquake data using dplyr, tidyr, and ggplot2 packages .
- Using leaflet maps to make interactive maps that represent the important insights about the earthquakes.
- Building a Customized geom that visualizes the NOAA earthquakes data .
- Using Continuous integration through Travis CI to test all modifications over the package.

Soccer Database Analysis

- Cleaning data using Pandas and Numpy
- Visualizing data using Matplotlib and seaborn

Sales Performance Dashboard

- Using Tableau to get insights about sales performance for an American company that has many branches throughout USA

Titanic Competition Kaggle

- Cleaning data using Pandas and Numpy.
- Visualizing data using Matplotlib.
- Using Scikit-Learn to implement supervised learning (Classification Algorithms).
- Achieving ROC AUC score 0.94.

House Price Competition Kaggle

- Cleaning data using Pandas and Numpy.
- Visualizing data using Matplotlib.
- Using Scikit-Learn to implement supervised learning (Regression Algorithms).
- Achieving Mean Absolute Error score 20998.83780.

SELF-LEARNING

Mastering Software Development in R (Coursera) NTL from TIEC

Python for Everybody Specialization (Coursera)

Data Scientist in Python (DataCamp)

Machine Learning Fundamentals (Kaggle)