

Abdelrhman Mahmoud Sadek

Data Analyst

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🐙 <https://github.com/Abdelrhman-Sadek>

Summary

Enthusiastic and detail-oriented Data Analyst with a solid foundation in software integration, data visualization, and machine learning. Skilled in Python, SQL, and data analysis tools, with a keen interest in leveraging technology to extract meaningful insights from complex datasets. Proven ability to develop interactive dashboards for actionable insights and contribute effectively to cross-functional teams. Eager to continue learning and grow within a dynamic data-driven environment, with a passion for using data to support strategic decision-making

Skills

Technical Skills

Python, Data Visualization, Data Mining, Database Design, Database Mapping, Machine Learning, Tensor Flow, Computer Vision, SQL, Git/GitHub, Business Metrics, Data Visualization, Data Analysis, Deep Learning, Time Series, Flask, Tableau, Power BI, Microsoft Excel, Selenium, Tkinter, RESTful API

Soft Skills

Time Management, Problem Solving, Collaboration, Eager to learn, Teamwork, Documentation, Active listening, Engaging, Presentation

Work Experience

Paymob

06/2023 – present

Integration Engineer

Cairo, Egypt

- Developed software integration solutions, web services, and APIs to meet merchant requirements
- Came up with solutions and advised merchants on implementation best practices
- Designed and maintained integration platform for premier merchants and partners

Projects

HR Analysis

Personal Project

- Developed an interactive Power BI dashboard providing insights into employee and department status
- Identified organizational changes and created lists for promotions, retrenchments, and severance benefits

Bike Stores Analysis

Personal Project

- Created an interactive dashboard with Excel and Tableau to provide insights into company data from 2016 to 2018
- Provided actionable insights for executive decision-making

Supermarkets Chain Analysis & Forecasting

Supermarkets Chain Analysis & Forecasting

- Performed time series analysis on "Favorita Supermarkets chain" sales and store visitors
- Developed a hybrid model to forecast sales for the next 16 days

Anime Recommendations GUI

Personal Project

- Scraped My Anime List website and built a GUI for anime recommendations

Movies Analysis & Recommendations

Personal Project

- Analyzed movie genres, content, keywords, and provided recommendations based on user preferences

Education

Bachelor's Degree in Computer Science & Artificial intelligence

09/2018 – 08/2022

Courses: Algorithms, Data Structures, ML, Databases, Networking, Java and C++.

Tooth Decay Classification, Graduation Project

Developed an application to accurately detect 3 different stages of tooth decay using deep learning

Data Analysis Nanodegree

Acquired advanced skills in data and business analysis, including statistical methods and trend prediction

01/2023 – 04/2023

Udacity

Courses

Python for Data Science, AI and Deployment

IBM

Learned about Python programming language and its most used libraries in Data Sciences (Numpy, Pandas, etc.) and the uses of APIs (Requests and parameters)

Full Stack Deep Learning

University of California, Berkeley

Provided an in-depth exploration of full-stack production deep learning, including data finding, cleaning, labeling, augmentation, training, and model testing covering most of the approaches

AI Developer Program

Intel

Covered a data science workflow that starts with exploring a dataset and training a model and ends with deploying an application, fundamentals of machine learning, and deep learning some of the most efficient techniques and sources.

Deep Learning Specialization

Andrew Ng.

Delved into the core concepts of deep learning, including its types, structures, and neural networks

Languages

Arabic

Native

English

Fluent