

Bassel Elsayed Mohamed

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SUMMARY

Motivated data scientist analyzing data for managers to engage in decision-making processes. , fast learner, open to working with new technologies.

Professional Experience

Network Operation Control Engineer, (NOC) ,Huawei

06/2022 – 05/2024

Job Description

- responsible for network management
- monitor the performance and capability of computer systems using diversified tools. figure out the malfunctioning of hardware, software, and environmental alerts.
- Report Incidents: When the technical issues are complicated which needs an immediate response or troubleshooting, we must escalate the matter to management as per our SOP (Standard Operation Procedure) .

Network Operation Control Engineer, (NOC) ,Egypt Post

09/2024 – 11/2024

Managed and maintained network, servers, and telecom equipment for Egypt Post in Cairo, Egypt.

- Conducted daily troubleshooting to ensure smooth network operations and resolve any issues promptly.

Global Network Operations Center (GNOC),Zain,KSA

06/2024 – 09/2024

Identified and mitigated network events/incidents using monitoring systems

- Developed automation scripts for routine tasks to increase efficiency
- Led documentation efforts and mentored new hires to ensure knowledge transfer
- Executed network changes following change management process to maintain network stability

Education

BSc of Engineering

09/2016 – 05/2021

Communication & Electronics department , Helwan university

Graduation project

- Name: Traffic Control System
- Tool: C , Python
- Description: control the traffic system by Designing Electrical Circuit with Artificial Intelligence

•**Graduation project grade: A+**

General Egyptian certificate
Al-mostakbal languageschool

Skills

General Skills

- Machine Learning
- Predictive Modeling
- Data Analysis
- Data Visualization
- Data Cleaning and Preparation
- Data Mining
- Data Visualization
- Statistical Modeling
- Statistical Analysis

Tools & Software

- Python(NumPy , Pandas , scikit-learn)
- SQL
- Excel
- Tableau
- Power Bi
- Git

Soft skills

- Presentation Skills
- Teamwork
- Communication Skills

Languages

- Arabic (Native)
- English (good)

Projects

Air plans flight prediction, contains information on air traffic passenger statistics by the airline includes information on the airlines, airports, and regions that the flights departed from and arrived at. It also includes information on the type of activity, price category Air traffic passenger statistics can be a useful tool for understanding the airline industry and for making travel plans

So ,The data could be used to study the effects of different factors on air traffic passenger numbers, such as the time of year or day, the price of airfare, or the number of flights offered by an airline

Air plane satisfaction, This data set contains a survey on air passenger satisfaction. The following classification problem is set: It is necessary to predict which of the two levels of satisfaction with the airline the passenger belongs to: Satisfaction or dissatisfied

Used car price prediction

Uber fare price prediction, The project is about on world's largest taxi company Uber inc. In this project, we're looking to predict the fare for their future transactional cases. Uber delivers service to lakhs of customers daily. Now it becomes really important to manage their data properly to come up with new business ideas to get best results. Eventually, it becomes really important to estimate the fare prices accurately.


Titanic Prediction,

I used machine learning to create a model that predicts which passengers survived the Titanic shipwreck.

Credit card approval, Commercial banks receive a lot of applications for credit cards. Many of them get rejected for many reasons, like high loan balances, low income levels, or too many inquiries on an individual's credit report

Credit card fraud detection, In the banking industry, credit card fraud detection using machine learning is not just a trend but a necessity for them to put proactive monitoring and fraud prevention mechanisms in place. Machine learning is helping these institutions to reduce time-consuming manual reviews, costly chargebacks and fees, and denials of legitimate transactions.

Football player price predaction, *This dataset is a player-by-player dataset based on the FIFA dataset as well as some additional features about each player, It contains attributes from FIFA to determine the price of a football player. the dataset used to identify the most important FIFA attributes when determining the price of a football player*

project link : <https://basselelsayed-player-evaluation-about-fv1y1b.streamlit.app/Analysis> 

World cup analysis, *This app performs simple Analysis on participants country of world cup 2022 ,*

project link : <https://world-cup-2022-analysis-vcx4qgh2ekvgr4ypgtmypz.streamlit.app/> 