



**mohamed elsayed**

Data analyst

✉ mohamed2elsayed372@gmail.com

☎ +20 100 054 6767

🔗 [https://mohamed2elsayed.github.io/mohamed\\_elsayed.github.io/](https://mohamed2elsayed.github.io/mohamed_elsayed.github.io/)

🐙 mohamed2elsayed

🌐 mohamed elsayed

## About

Highly educated, innovative, and motivated data analysis professional with a wealth of knowledge. Seeking a challenging and career-advancing position as a junior data analyst with Tech Firefly. Strong creative and analytical skills. I am experienced in using tools such as Tableau, Microsoft Excel, and Python to obtain insights from data. I am seeking a full-time job in this field where I can apply my skills for continuous improvement.

## Projects

### The effects of solar wind on the magnetosphere

*This project evaluates large datasets to identify trends and develop actionable insights related to the effects of solar wind on the Earth's magnetosphere.*

- Search and build 54 datasets for 27 years to a scientific event on The Earth's Magnetosphere.
- Build subplots for all 54 datasets, and study them to find relation.
- We assembled visual representations of data with charts, graphs, or infographics.
- Calculate radius magnetopause for all 54 datasets and study these events.
- Build a dataset including 27 years of scientific events, make a group for all the top events that happened each year, and take the lowest radius magnetopause.
- Apply time series prediction and predict data 2023:2030 to complete 25 solar cycles.
- Make a report to show the powerful events in the 23,24,25 solar cycle in which month.

### Movies Recommendation Website

This project leverages my expertise in data analysis to develop a Movie Recommendation System using the TMDB 5000 Movie Dataset. The system is implemented on a website and provides movie recommendations based on a select dataset. This project demonstrates my proficiency in data analytics and the practical application of these skills in creating an interactive, user-friendly movie recommendation platform.

### Customer Retention PwC Power Bi

- Customers who left within the last month
- Services each customer has signed up for phone, multiple lines, internet, online security, online backup, device protection, tech support, and streaming TV and movies.
- Customer account information: how long a customer, contract, payment method, paperless billing, monthly charges, total charges, and the number of tickets opened in the categories of administrative and technical.
- Demographic info about customers – gender, age range, and if they have partners and dependents.

## Languages

### Arabic

Fluent

### English

very good

## Skills

### Microsoft Power BI

### My Sql

### Python

### Data Analytics

### Data Visualization

## Projects

### Call Center Trend PwC Power Bi

- Overall calls were answered, abandoned, and resolved
- Calls sorted by topic
- Call volume per month
- Customer satisfaction rating
- Agent's performance quadrant
- Average Call Duration and Speed of Answer

### Diversity & Inclusion PwC Power Bi

The dashboard defined relevant KPIs in hiring, promotion, performance, and turnover, and drew conclusions.

Some measures created were:

- % of men
- % of women
- % of leavers
- % employees promoted (FY21)
- % of women promoted
- % of hires men
- % of hires women
- Average performance rating: men
- Average Performance rating: women

---

## Certifications

### Google Data Analytics Professional

### Data Analysis with Python

### Google IT Automation with Python

### Accenture North America Data Analytics and Visualization Virtual Experience

### PwC Switzerland Power BI Job Simulation

### KPMG AU Data Analytics Consulting Virtual Internship

---

## Education

### ● Faculty of science

Since September 2018 Helwan university cairo

Space Departments

### ● Coding Internship

From July 2022 to September 2022 EGSA New Cairo, QH, Egypt

- Build a machine that reads temperature and humidity and detects smoking for each minute
- Make a website to receive data and plot that reading temperature and humidity for the whole day