

Mohammed Atef

Fresh Graduated Data Scientist

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Summary

I am Mohammed Atef, a 22 year old fresh graduate in Business Analysis from the Egyptian Russian University with a strong background in statistical analysis and the ability to identify patterns and trends. Proficient in statistical analysis, database querying, data cleaning, and preparation, I create dashboards and reports to support strategic decision-making using Excel, SAS, R, Python, SQL, and Power BI. I focus on sharpening analytical skills, expanding industry knowledge, and applying data-driven approaches to enhance business performance and optimize processes.

Key Competencies

- Skilled in creating insightful visualizations with tools like Python, R & PowerBI to interpret data trends effectively.
- Proficient in identifying, collecting, and processing data from various sources.
- Skilled in organizing and cleaning data to ensure accuracy and readiness for analysis.
- Proficient in statistical analysis and techniques, using python and SQL.

Education

Egyptian Russian University, Faculty of Business Analysis | Badr, Cairo

Grade: Good

Skills & Technical Tools

Languages: Fluent in English and Arabic (speaking & Writing)

Programming Languages: Python, SQL, R, C++.

Technologies: Jupyter notebook, NumPy, pandas, matplotlib, scikit-learn, Plotly.

AI & Machine Learning Skills: AI & Machine Learning, Deep Learning, NLP, End-to-End Model Deployment, MLOps

Computer skills: Proficient in Excel & Web Scraping.

Soft Skills: communication, interpersonal skills, time management, problem-solving, Team Leadership, Research Skills, work independently

Certifications

- **ChatGPT for Data Science** - [365 Data Science](#)
- **Data Analysis in Power BI with ChatGPT** - [365 Data Science](#)
- **Data Analysis with ChatGPT** - [365 Data Science](#)
- **Introduction to R Programming** - [365 Data Science](#)
- **The Machine Learning process A-Z** – [365 Data Science](#)
- **Web Scrabing** - [DataCamp](#)
- **Introduction to Data Science** - [Cisco](#)
- **Element Of AI** – [University Of Helsinki](#)

Projects

Data Analysis Project | Global YouTube Statistics 2023

<https://www.kaggle.com/code/mohameddateff/youtube-data-analysis>

Data Analysis Project | Weather in Szeged 2006-2016

<https://www.kaggle.com/code/mohameddateff/weather-data-analysis>

Data Analysis Project | HR Analytics

<https://www.kaggle.com/code/mohameddateff/hr-analytics-by-r/notebook>

Regression Model Project | Titanic

<https://www.kaggle.com/code/mohameddateff/titanic-cleaning-prediction>

Predictive Analysis Project | House Price Brazil

https://drive.google.com/drive/folders/1sIVDm_X5wM6WLmFeloo3w32OV2SGgnE-

Graduation Project

The project titled **"Fake News Detection Using AI Techniques"** pursues a fundamental objective: assessing the credibility of news content. A substantial dataset was compiled from various digital platforms specializing in sports news, particularly those focusing on football player transfers.

Thorough and precise preprocessing procedures were applied to the data, followed by the development of multiple models, including deep learning architectures, a hybrid model that integrates several techniques to enhance performance, and an advanced Transformer model based on BERT. Additionally, a Large Language Model (LLM) such as Gemini was employed and tasked with analyzing each news article, determining whether it is fabricated or authentic, providing a clear rationale for its judgment, and supporting that with verifiable references.

Traineeship

BI Development | Information Technology Institute (ITI)