Ahmed Ayman AbdElwahab

Data Analyst | Machine Learning Engineer

Address: Cairo, Egypt | **Phone:** (+20)1098818976 | **E-Mail:** aa101ahmedayman@gmail.com

LinkedIn: https://www.linkedin.com/in/ahmed-ayman-425b0b217/ | **GitHub:** https://github.com/ahmed17-ds

Career Objective

- Aspiring to leverage my machine learning expertise to drive innovation in a tech company. Skilled in developing and optimizing models using algorithms like regression and random forests. Proficient in data preprocessing, feature engineering, and model evaluation. Experienced in Python programming, MS SQL database, and data visualization with Python and Power BI. Passionate about delivering impactful data-driven solutions.

Education

- **4th computer science student - El Shorouk Academy, Cairo**
- **Department**: Computer Science.
- **Grade**: Very Good

Courses

- IBM Data Analysis Professional Certificate (Coursera)
- Machine Learning (Google Developer Student Club)
- Deep Learning (Google Developer Student Club)
- SQL for Data Science (Coursera)
- Problem Solving (ICPC SHA Community)
- Python Data Analysis Diploma (Udemy)
- AI for Everyone (Coursera)
- Machine Learning Specialization (Coursera)
- Machine Learning Hesham Asem, (YouTube)
- Python for Data Analysis & Science (YouTube)
- Python-The Basics (part1, part2) (YouTube)
- SQL Server (YouTube)
- Excell & power Bi (YouTube)

Skills

- **Programming Languages**: Python, C#,C++,Java
- **Machine Learning:** Scikit-learn
- **Deep Learning :** TensorFlow
- **Data Manipulation:** Pandas, NumPy
- **Data Visualization**: Matplotlib, Seaborn
- Exploratory data analysis
- Problem Solving in C++ and Python
- **Databases:** SQL Server,
- SQL Lite, Microsoft Access
- **Version Control:** Git, GitHub, Jupyter, Notebook
- Data Modeling
- Data Scrapping

Personal Skills

- Teamwork
- Problem Solving
- Strong Communication Skills and Flexibility
- Time Management
- Attention to Detail

Projects:

- **Titanic project Prediction**
  - Tools: Python, NumPy, Pandas, Matplotlib,Seaborn, sklearn
  - Titanic passenger data (name, age, price of ticket, etc) to try to predict who will survive and who will die.
- **Mall Customers**
  - Tools: Python, NumPy, Pandas, Seaborn, Matplotlib,SkLearn
  - The Mall Customers Dataset provides data on 200 individuals who visit a mall, including demographic information, annual income, and spending habits. This dataset is useful for exploratory data analysis, customer segmentation, and clustering tasks (e.g., K-means clustering).
- **Olympic Sports Analysis**
  - Tools: Python, NumPy, Pandas, Seaborn, Matplotlib,SkLearn.
  - Which Olympic athletes have the most gold medals? Which countries are they from and how has it changed over time?

Personal Data

- **Date of birth:** nov 17, 2002.
- **Nationality:** Egyptian.

Languages Skills

- **Arabic:** Mother tongue.
- **English:** Very Good writing and comprehending.