NOUR-ELDEEN ANWAR MOHAMED

Alexandria, Egypt • +20 102 4468369 • nourel1515@gmail.com
https://www.linkedin.com/in/nour-eldeen-anwar-125743233/
https://github.com/Nouranwar

SUMMARY

Skilled Data Scientist good in Python , SQL , power BI , specializing in ML and DL.I am looking for a role that challenges me and provides growth opportunities, where I can leverage my analytical abilities and technical acumen.

SCHOLARSHIP

Data Analysis-My Communication   **Jun 2023 - Aug 2023 (3 months)**

This comprehensive training has equipped me with the skills and knowledge needed to effectively analyze data using Power BI, enabling me to derive valuable insights and make data-driven decisions.

AI-Samsung Innovation Campus (SIC)   **Jul 2024 - Oct 2024**

- Learned Python basics, control structures, data types, file handling, and essential libraries (NumPy, Pandas) for data manipulation.
- Gained foundational knowledge in probability, statistics, and linear algebra crucial for data analysis, along with techniques for data preprocessing.
- Learned core ML algorithms (e.g., regression, classification, clustering), ensemble methods, and evaluation techniques for model performance and selection.
- Explored neural networks (ANN, CNN, RNN), worked with TensorFlow and Keras, and developed skills in model deployment using Streamlit and Flask.

EDUCATION

Bachelor of Data Science Alexandria University   **Oct 2022 - 2025**

CERTIFICATIONS

- egFWD Data analysis
- egFWD Web developer
- Google Data Analytics - Coursera
- Stanford University Online (Machine Learning) - Coursera
- AI-Samsung Innovation Campus
- Data Analytics - My Communication

PROJECTS

Superstore Sales Analysis

Analyzed the Superstore Sales dataset, focusing on key business areas like:
- Impact of discounts on profitability
- Regional sales distribution
- Product category performance

Real-Time Violence Detection

For my graduation project at the Samsung Innovation Campus (SIC) AI Track, I developed a real-time violence detection system designed for smart-city applications. By leveraging MobileNetV2 as a pre-trained CNN for feature extraction, paired with LSTM layers to capture temporal patterns, the model can reliably identify violent events in both CCTV footage and live streams.

Houses_Price

- Preprocessed a complex dataset by handling missing values with advanced imputation techniques and removing non-informative features, setting up high-quality data for model training.
- Built and evaluated regression models(RandomForestRegressor and GradientBoostingRegressor) to predict house prices, using metrics like R^2 score to assess model accuracy and guide improvements, achieving data-driven insights for optimal model performance.

Bellabeat -Case Study with R

- Conducted comprehensive exploratory data analysis (EDA) using R, employing visualizations to uncover patterns and trends in user behavior and health metrics, enhancing the understanding of factors affecting product engagement.
- Developed actionable insights from data findings that informed Bellabeat's marketing strategies and product development, demonstrating the ability to translate data analysis into strategic business recommendations.

TECHNICAL SKILLS

- Machine Learning Algorithms and DL
- Python for Data Science
- SQL and DB
- Microsoft Power B**I**

ADDITIONAL INFORMATION

- **Familiar :** Java Programming and OOP,Data Structures and Algorithms , R (Programming Language)
- **Languages:** English, Arabic