Peter Romany Frances

Suez, Egypt | [E-mail Address](#) | Phone Number: 01277860726 | [LinkedIn Profile](#) | [GitHub Profile](#)

SUMMARY

Highly adept and results-driven Data Analyst with a robust foundation in statistical analysis, machine learning, and data visualization. I have demonstrated expertise in extracting actionable insights from complex datasets using Power BI, Python, and SQL. Proficient in developing predictive models, conducting thorough data analysis, and implementing automation techniques to streamline workflows and enhance efficiency. Possessing strong analytical and problem-solving abilities with a proven ability to collaborate with cross-functional teams.

EDUCATION

Arab Open University - EG | *Bachelor of Science in Information Technology and Computing (Computer Science)*

- Cumulative **GPA:** 3.50 **/** 4   **Graduation | 09/2019 – 02/2023**

The Open University - UK | *Bachelor of Science in Information Technology and Computing (Computer Science)*

- **Classification:** Second Class Honors (1st Division)   **Graduation | 09/2019 – 02/2023**

Honors and Awards:

- Completed [Bachelor's degree](#) in three and a half years and received a Certificate of Excellence in March 2022.

WORK EXPERIENCE

Python with Automation: Leveraged +5 years of Python expertise to develop scripts automating data workflows, reporting systems, and data wrangling tasks, enhancing efficiency and accuracy. Implemented automated algorithms for data mining, predictive analytics, and data manipulation, contributing to improved decision-making processes.

Data Visualization Proficiency: Created reports, dashboards, and KPIs using Power BI, while demonstrating proficiency in presenting technical concepts to non-technical stakeholders through clear and understandable language in PowerPoint.

Machine Learning Experience: Designed, implemented, and evaluated machine learning algorithms, including classification, regression, and clustering. Conducted thorough testing, feature engineering techniques, and fine-tuning to optimize model performance for accurate predictions.

Data Mining and EDA: Utilized pattern recognition and statistical analysis to uncover insights, correlations, and trends within complex datasets. Applied time series analysis and forecasting methods to analyze temporal data.

Research Methods: Formulated hypotheses and research questions to drive data exploration and validate findings. Applied statistical and analytical techniques to interpret data and draw conclusions based on research objectives or hypotheses.

Portfolio Website: Explore my comprehensive portfolio of projects and reports on [My Portfolio Website](#).

SKILLS

Technical Skills:

- Python, SQL, Microsoft Power BI, Machine Learning, Automation, Time Series Analysis, Statistical Analysis
- Data Wrangling, Data Mining, Data Analysis, Data Manipulation (Pandas, NumPy), Hypothesis Testing, ETL

Functional Skills:

- Statistics Proficiency, Analytical Skills, Problem-Solving, Critical Thinking, Logical Thinking, Decision-Making
- Probing Skills, Data Visualization, Data Management

Soft Skills:

- Communication Skills, Collaboration, Detail-Oriented, Curiosity, Adaptability, Creativity, Presentation Skills