
SUMMARY

Highly adept and results-driven Data Analyst with a robust foundation in statistical analysis, machine learning, and data visualization. With over one year of hands-on experience, I have demonstrated expertise in extracting actionable insights from complex datasets using advanced tools such as Microsoft 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 to identify business needs, deliver innovative solutions, and drive business outcomes.

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.
- Received a Certificate of Excellence in March 2022 for exceptional performance, achieving a high GPA, and demonstrating dedication through hard work.

SKILLS

Technical Skills:

- Python, SQL, Microsoft Power BI, Machine Learning, Automation
- Statistical Analysis, Descriptive Analytics, Diagnostic Analytics, Predictive Analytics, Prescriptive Analytics
- Data Wrangling, Data Manipulation (Pandas, NumPy), Data Mining, Hypothesis Testing
- Data Extraction, Transformation, Loading (ETL / ELT), Interactive Reports and Dashboards

Functional Skills:

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

Soft Skills:

- Communication Skills, Collaboration, Detail-Oriented, Curiosity
- Adaptability, Creativity, Time Management, Resilience, Presentation Skills

WORK EXPERIENCE

Data Analyst

02/2023 – 02/2024

With +5 years of expertise in Python, I've focused on automating data workflows and reporting systems, developing scripts for data wrangling, and implementing automated algorithms for data mining and predictive analytics. Moreover, I've effectively communicated technical insights to diverse stakeholders, utilizing clear language and visual aids in impactful presentations to effectively convey findings and recommendations.

Key Projects: Supply Chain Optimization-Customer Segmentation-Credit Card Fraud Detection-Breast Cancer Classification

Portfolio Website: Explore my comprehensive portfolio of projects and reports on my dedicated website. Visit [My Portfolio Website](#) to delve into detailed case studies, view project highlights, and gain insights into my data analysis and visualization expertise.