

# Peter Frances

## Data Analyst

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## SUMMARY

Detail-oriented Data Analyst skilled in statistical analysis, machine learning, and data visualization. Proficient with Power BI, Python, and SQL for extracting insights from complex datasets. Excels in predictive modeling, thorough data analysis, and workflow automation, demonstrating strong analytical and problem-solving skills.

## SKILLS

Python	SQL	Microsoft Power BI	Machine Learning	Automation	Statistical Analysis
Data Visualization & Storytelling	Data Manipulation (Pandas)	Time Series Analysis	Microsoft Excel		

## EXPERIENCE

### Data Analyst

#### Freelance

📅 03/2023 - 03/2024

- Leveraged 5+ years of Python expertise to develop scripts automating data workflows, reporting systems, and data wrangling tasks, driving efficiency. Implemented automated algorithms for data mining, predictive analytics, and data manipulation, improving decision-making.
- Created reports, dashboards, and key performance indicators (KPIs) using Power BI, communicating technical concepts to non-technical stakeholders through clear and understandable language in PowerPoint presentations.
- Designed, implemented, and evaluated machine learning algorithms, including classification, regression, and clustering. Conducted thorough testing, feature engineering, and fine-tuning of machine learning models to optimize performance and achieve accurate predictions.
- 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.
- Formulated hypotheses and research questions to guide data exploration and validation, applying data mining and exploratory data analysis (EDA) techniques to interpret data and draw meaningful conclusions.

## EDUCATION

### Bachelor of Science in Information Technology and Computing (Computer Science)

#### Arab Open University

📅 09/2019 - 02/2023    📍 Egypt

- Completed Bachelor's degree in three and a half years and received a Certificate of Excellence in March 2022.

GPA  
3.5 / 4

### Bachelor of Science in Information Technology and Computing (Computer Science)

#### The Open University

📅 09/2019 - 02/2023    📍 UK

- Classification: Second Class Honors (1st Division)

## PROJECTS

Supply Chain Analytics and Optimization - Customer Segmentation - Credit Card Fraud Detection

Breast Cancer Classification - Diabetes Prediction - Medical Insurance Cost Prediction

## LANGUAGES

English      Proficient      Arabic      Native