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Professional Summary

Ibrahim is a Data Analyst with a First-Class Honours BSc in Mathematics from the University of Surrey. He has strong technical expertise in Python, SQL, Excel, Power BI, VBA, MATLAB, and R. He is experienced in applying statistical methods and machine learning techniques to real-world datasets across both personal projects and professional roles. Ibrahim is particularly skilled in predictive modelling, clustering, sentiment analysis, and data visualization. He has a strong mathematical foundation and a proven ability to solve complex analytical problems.

Technical Skills

- **Programming & Tools:** Python, SQL, Excel, Power BI, VBA, MATLAB, R
 - **Machine Learning:** Regression, Clustering (K-Means), TensorFlow, Sentiment Analysis (RoBERTa, VADER)
 - **Data Visualization:** Power BI Dashboards, Matplotlib, Seaborn
 - **Other Tools:** Git, Jupyter Notebooks
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Work Experience

- **Data Analyst**
Marks and Spencer — *July 2024 – Present*
Responsible for data-driven insights, statistical analysis, and reporting to support business decisions.
 - **Data Analyst**
Lloyds Banking Group — *March 2023 – July 2024*
Conducted data analysis and reporting for banking operations and customer behavior.
 - **AML Analyst**
Lloyds Banking Group — *February 2022 – March 2023*
Focused on Anti-Money Laundering investigations using data-driven approaches.
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Education

- **University of Surrey** — *BSc Mathematics, First-Class Honours*
September 2018 – July 2021
Relevant modules include: General Linear Models, Experimental Design, Dynamic Asset Pricing Theory, Statistical Methods for Financial Applications, Numerical and Computational Methods, Real Analysis, Quantum Mechanics.

- **Southfields Academy — A-Levels**
Subjects: Mathematics, Further Mathematics, Economics
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Machine Learning Projects:

- **Football Clustering:** K-means clustering for team and player grouping.
- **Football Game Predictions:** Built predictive models using regression and TensorFlow.
- **Sentiment Analysis:** Analyzed movie reviews using RoBERTa and VADER.
- **Fantasy Football Optimiser:** Predicting FPL Scores and creating suggestions to optimise and maximise points

Dashboard Projects:

- **Video Game Dashboard:** Visualized game-related metrics using interactive dashboards.
 - **Football Match Dashboard:** Created match-by-match analytics dashboard.
 - **Player Comparison Dashboard:** Interactive tool for comparing football player stats.
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Hobbies & Interests

- Playing and watching football (Arsenal fan)
- Playing video games
- Continuous learning, particularly in data science and analytics