

# Ibrahim Oksuzoglu

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## PROFILE

Data Analyst with a First-Class Honours BSc in Mathematics and strong proficiency in Python, SQL, Excel, Power BI, VBA, MATLAB, and R. Demonstrated expertise in applying analytical and statistical techniques across both professional environments and personal projects. Experienced in developing and deploying Machine Learning and AI solutions using real-world datasets, with a focus on practical, data-driven insights. Recognised for a strong mathematical foundation and a proven ability to solve complex, abstract problems through data analysis and quantitative reasoning.

## EXPERIENCE

Employed by FDM Group as an IT Consultant contracted to:

### Marks and Spencer – Data Analyst

July 2024 - Present

- Part of Data & AI Solutions Performing advanced statistical analysis, including A/B tests and hypothesis testing, to optimize product features, leading to data-driven decisions on new and existing products.
- Implemented end-to-end data analysis solutions, transforming raw data into actionable insights that informed key product decisions, resulting in a value of £8 million in revenue saving.
- Built a custom Large Language Model (LLM) pipeline for sentiment analysis of product reviews, using natural language processing (NLP) to identify key customer pain points and improve customer experience.
- Led ETL processes, ingesting and cleaning large datasets in Databricks using Python and PySpark to ensure data integrity and reliability.

### Lloyds Banking Group – Data Analyst

March 2023 – July 2024

- Spearheaded as the Lead analyst in the Data Quality team on the Single Customer View project conducting in depth data analysis on live Customer records.
- Utilized advanced SQL skills, writing efficient complex queries for data extraction and manipulation to match business records across multiple customer systems each containing 20,000+ customers to a master system.
- Demonstrated data management expertise, efficiently and accurately conducting data cleansing techniques using advanced Excel formulas for streamlined processes.
- Utilized stakeholder management and advanced Power BI skills to develop dynamic dashboards

### Lloyds Banking Group – AML Analyst

February 2022 – March 2023

- Conducted KYC remediation for 2000+ SME and non-SME customers, accurately assessing profiles and risk ratings.
- Researched and analyzed customer records with a 100% first-time pass rate, outperforming EY consultants.
- Escalated high-risk clients and identified potential adverse media cases, ensuring compliance

## EDUCATION

### University of Surrey

September 2018 – July 2021

Bachelor of Science, Mathematics

- **Grade:** First-Class Honours
- **Relevant Modules:** General Linear Models, Experimental Design, Dynamic Asset Pricing Theory, Statistical methods financial applications, Numerical and Computational Methods, Real Analysis, Quantum Mechanics.

## PERSONAL PROJECTS & SKILLS

- **Projects:** K-means clustering, Language Learning Models, Regression, Predictions, Sentiment Analysis, Data visualization, Optimisations
- **Skills:** Python, Pyspark, Excel, R, Machine Learning, SQL, AI, Power BI, Databricks, Stakeholder Management
- **Tools:** Jira, Confluence, Miro, Streamlit