

Khushi Jaiswal

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EDUCATION

2024 - 2025	London Business School Junior Executive for Student Association - Technology and Operations Team. Modules: Data Science for Business, Data Visualisation, Strategy, Time Series Analysis, Product Management, Statistical Modelling, Regression Models, Quantitative Analysis	Masters in Analytics and Management (MAM)
2021 - 2024	King's College London First Class Honours Final dissertation report to be published by Sage Journals JiuJitsu Society Robotics Society. Modules: Data Structures, Artificial Intelligence, Optimisation Methods, Machine Learning for Big Data.	Bachelor of Computer Science (BSc)

BUSINESS EXPERIENCE

Aug 2024	CFO Ventures Remote One of the first companies ever to provide remote CFO as a service to client companies <ul style="list-style-type: none">Constructed an ETL pipeline for 4,000+ P&L transactions and integrated data into a relational database, enabling real-time financial reporting through dynamic dashboards.Leveraged Azure ML for a Two-Class Decision Forest model and Power BI for financial dashboards, incorporating sentiment analysis for data-driven insights, driving a 20% increase in qualified leads and securing 1 new client.	Financial Data Analyst
Aug 2022	Tata Consultancy Services London, UK Global IT services & consulting leader, operating across 46 countries, \$29.1B+ revenue <ul style="list-style-type: none">Created interactive plots with Plotly and mapped global CO2 emissions using rnatureearth and sf packages, analyzing energy, emissions, and GDP growth.Collaborated with cross-functional teams to deliver data-driven insights and pitched ideas to senior stakeholders.	Business Analyst Intern
Aug 2019	Tata Steel Wales, UK A multinational steelmaking company in 26 countries, \$31B+ in revenue <ul style="list-style-type: none">Resolved technical incidents across various divisions at Tata Steel as part of the System Integration and Management (SIAM) IT division, reducing downtime by 7% and elevating operational efficiency.Developed predictive models using TensorFlow and Keras to forecast demand in a Starbucks supply chain, optimizing inventory management and optimizing inventory by 15%.	Data Analyst Intern

ADDITIONAL INFORMATION

Projects	Loan Repayment Prediction & Model Evaluation <ul style="list-style-type: none">Developed Machine Learning Model using LASSO regularization to predict loan repayment likelihood and applied cross-validation to enhance stability and generalization.Evaluated Model performance with ROC, AUC to optimize prediction accuracy. Automated Stock Data Retrieval & Reporting Pipeline <ul style="list-style-type: none">Built an automated pipeline for stock data retrieval, news scraping, data transformation, and database integration, with email updates for daily stock portfolios. Mobile Health App Development & Testing <ul style="list-style-type: none">Led a team of 9 to create a React Native health app, tested with Jest and version-controlled with Git, enabling users to track health goals. Research – Education vs. Jobs Skills gap <ul style="list-style-type: none">Developed a Python-based NLP pipeline (Pandas, Selenium) to extract and preprocess data on 4,000 skills, performing feature engineering and categorising with a Naive Bayes classifier, achieving 89% accuracy and ensuring accountability through performance metrics.Conducted statistical analysis using R, building regression models, and evaluating model performance with R-squared, t-statistics, and p-values to assess variable significance and correlations.
Tech Skills	Programming Languages - Python, SQL, R, C++, Java, Javascript, HTML, CSS Quantitative Analysis and Modelling - Regression models, Time Series Analysis, Statistical Analysis Machine Learning & AI - Scikit-learn, TensorFlow, Keras, Azure ML, PyTorch, Naive Bayes Classification, Clustering, Classification Algorithms, Pandas, NumPy, Matplotlib, Seaborn, Linear Regression model, Random Forest Model, Stacked Ensemble model, KNN model. Data Analysis & Visualisation - Plotly, Power BI, Tableau, R tidyverse, ggplot, dplyr Big Data and ETL - SQL, Spark, Hadoop, MongoDB, Data Warehousing, ETL Pipelines Other - React Native, Jest, Rest API, Docker, Git Version Control, Agile/Scrum, NoSQL (MongoDB)