

# Léa Dubois — Data Scientist

Years of Experience: 5

Bachelor's in Mathematics

LEA DUBOIS

Data Scientist

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## SUMMARY

Data Scientist with 5 years of progressive experience in finance, healthcare, and e-commerce sectors. Holds a B.Sc. in Mathematics from the University of Edinburgh. Skilled in building predictive models, deploying ML pipelines, and translating complex data insights into actionable business strategies.

## SKILLS

Python, R, SQL, Machine Learning, Statistical Modeling, Data Visualization, Feature Engineering, Model Deployment, Data Engineering, Team Collaboration

## EXPERIENCE

- Extracted and cleaned large financial datasets from multiple sources.
- Designed and maintained interactive dashboards for senior management.
- Developed predictive models to forecast market trends using Python and SQL.
- Collaborated with cross-functional teams to align analytics initiatives with business goals.
- Built machine learning pipelines to predict patient readmission risks.
- Performed extensive feature engineering and data preprocessing.
- Conducted exploratory data analysis and statistical hypothesis testing.
- Presented insights to clinical and executive stakeholders.
- Implemented end-to-end ML models for personalized recommendation systems.
- Integrated models into production using Docker and Kubernetes.
- Optimized model performance via hyperparameter tuning and ensemble methods.
- Worked closely with product teams to refine recommendation algorithms.

## EDUCATION

Bachelor of Science, Mathematics - University of Edinburgh, Edinburgh, United Kingdom  
2018

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