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Konstantin Petrov

Revolut

Dear Konstantin,

I saw the Data Scientist opening at Revolut and wanted to get in touch. I've spent the last three and a half years at Scottish Power building ML models that directly influence £290 million in annual wholesale energy trades. The kind of work where a bad prediction costs real money, quickly, and I'd like to bring that production-grade rigour to a company moving as fast as Revolut.

My main project at Scottish Power has been a gradient-boosted demand forecasting model that predicts next-day electricity demand at 96.2% accuracy. I also built a price anomaly detection system using isolation forests that flagged 43 suspicious trades in a single quarter, preventing an estimated £1.7 million in losses. Before joining the energy sector, I was at Luminance doing NLP. Fine-tuning a BERT classifier to identify 23 clause types in commercial contracts with a 91% F1 score, trained on 340,000 contracts from 14 law firms.

What interests me about Revolut is the breadth of ML problems. Fraud, credit, personalisation, pricing, and the expectation that models actually ship rather than sit in notebooks. I migrated 8 models from Jupyter into production MLflow pipelines at Scottish Power, so I know the gap between a good notebook and a reliable system. I'd be happy to talk through my work in more detail whenever convenient.

Best regards,

Elena Marchetti