

Spotlight on Consultancy



Frewen Hutcheson- Senior Data Engineer & Actuarial Analytics Consultant



Frewen joined Newtyne after graduating from the Newtyne Academy in 2012. He started as a Training Consultant, developing and delivering a comprehensive curriculum with an emphasis on programming and statistics/modelling.

He rapidly advanced to become a Consultant and Technical Specialist, further honing his expertise in Python, PySpark, AWS, Jupyter Notebooks, DAGs, SAS, SQL, Power BI, Excel, and Teradata.

He is currently working as a Data Engineer at NatWest on a data migration and regulatory project.

Most Challenging Project?

Company:
NatWest/RBS

Role: Data Scientist /
Python Developer /
Financial Modeller

Date:
Jan 2019 – Mar 2020

Technology:
Python, AWS, Jupyter
Notebooks, Pyspark

Project Overview

Responsible for refreshing and improving the early repayment (loans) forecasting models in Python, Frewen's work involved transitioning the existing polynomial model to a more accurate time series model, resulting in a 10% improvement in predictive power.

His tasks also included substantial data cleansing and quality improvements using Python and APACHE PySpark.

Additionally, Frewen played a key role in migrating the loans deterministic model from SAS to Python, showcasing his proficiency in multiple coding languages and statistical methodologies.

Why?

This project was the most challenging because role required not only being able to code in, interpret and formulate multiple coding languages (SAS, VBA, SQL, Python & Pyspark), but it also required mathematical and statistical knowledge alongside the ability to communicate findings and explain them at a high level to business SME's.

