Patrick Stewart
Data Scientist

Innovative, personable and highly motivated self-starter with experience gained in client facing Data Science/Analytics roles within Consulting and Start-ups. Passionate about delivering value to clients from the effective use of data, analytics and applied AI solutions. Competent working with large datasets, understanding/identifying key KPIs that drive performance and applying data science/forecasting techniques.

Competencies: Statistical analysis and modelling, machine learning, natural language processing, data visualisation, data pipeline development and technology architecture design.

Technology skills: Python, SQL, R, PySpark, Snowflake, Databricks, Azure, Github, Power BI.

CAREER EXPERIENCE

Fable Data, LONDON   **May 2023 – present**
Data Scientist
- Fable Data is a data aggregator, providing public sector organisations, large corporations and investment firms with real time European consumer spend data, sourced and cleaned from banks and credit card issuers.
- Analytics work includes assessing value of each banking dataset based on key metrics such as spend profile per user, churn and biases (age, income etc.), applying various forecasting techniques to predict financial results ahead of reporting for various listed companies using Fable's data and working with key corporate clients to apply the data to their individual use cases.
- Natural language processing work includes training/testing/implementation of ensemble classification to extract key information (e.g. merchant, payment processor etc.) from payment strings.

Algospark, LONDON   **Jan 2022 – May 2023**
Data Scientist
- Worked at a Data Science consultancy across a wide range of sectors including energy, education, technology and hospitality.
- Worked with an early-stage start-up to develop a software application to optimise renewable energy investment for large site operators. This includes functionality for wind, solar, heat pumps and battery technology (storage and grid trading) calculations.
- Developed natural language processing software to prioritise and analyse customer feedback for a Fibre Broadband provider. The software automatically web scrapes reviews from various web sources on a daily basis to deliver timely analysis and feedback.

Materials Nexus, LONDON   **Sept 2021 – Jan 2022**
Data Scientist (Contract)
- Worked at materials science technology startup Materials Nexus on a short-term contract.
- My role focussed on improving the company's data production and machine learning tasks offered through its software platform.

Megabuyte, READING   **July 2018 – Sept 2020**
Data Analyst
- Megabuyte provides a market research platform focussed on providing financial data and analysis on the UK technology market.
- Role included a significant focus on data pre-processing, modelling and visualisation as well as delivering market analysis reports.

EDUCATION

King's College London   **2020-2021**
MSc Data Science
- *Academics*: 74% average (distinction) and included modules on Machine Learning, Big Data and Data Warehousing.
- Final dissertation project (sponsored by Westminster City Council) was focussed on understanding how people respond and react to Oxford Street's built environment. The project centred on applying natural language processing solutions, trained on geo-located Twitter data, to gain new insights on the Oxford Street District.

University of Bath   **2014-2018**
BSc Economics
- *Academics*: 2:1 (overall actual) including modules in Health Economics, Advanced Macroeconomics and International Trade.
- *Final dissertation*: "The Economic Implications from the adoption of Blockchain Technology".

ST ALBANS SCHOOL   **2008-2013**
- *A-Levels*: Maths (A*), Economics (A), Philosophy & Ethics (A), Chemistry (B).

TECHNICAL SKILLS

- Microsoft Certified in the Azure Data Scientist Associate and Power BI Data Analyst Associate programmes.
- Competent with multiple programming languages and relevant packages – Python (NLTK, spaCy, tensorflow), SQL and R.
- Frequently uses a range of visualisation tools – Power BI, Databricks Lakeview and R Shiny.
- Data skills extend across statistical analysis and modelling, machine learning, natural language processing, web scraping and data strategy and technology.

WIDER INTERESTS

Data - Broader data knowledge updated through various blogs (e.g. Fast Forward Labs, Medium, The Gradient).
Technology - Interested in the broader technology market and frequently read TechCrunch, Hacker News and Exponential View.
Squash – Active member of various squash teams – former Treasurer for University team.
Running – Recreational runner who has now run six half marathons.
Travelling – Keen group traveller who has visited Brazil, Peru, Vietnam, Bali, Cambodia, Thailand, India and USA.

Contact

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