Josh Tankard

Data Engineer

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Although I am in a leadership position as an analyst, working in a cross-functional data product team has meant most of my hands-on work has been data engineering orientated – where I wish to pursue my career.

I specialise in designing, developing & scaling data products working with data from multiple sources, leveraging PySpark with Databricks and optimising code for performance. I have also developed a cross-functional skillset through implementing machine learning solutions into these data products.

SKILLS

Programming languages
- Python (incl. PySpark, Numba, Sci-kit Learn)
- SQL (incl. Snowflake)
- Go/Golang (beginner level)

Tools
- GitLab
- Databricks
- Snowflake
- Looker

Languages
- English (native proficiency)
- Spanish (intermediate to working proficiency)
- Catalan (elementary to intermediate proficiency)
- French (elementary proficiency)

Other skills
- Responsible for line managing, mentoring & developing team members
- Participation in hiring boards including as hiring manager
- Public speaking with small & large audiences as well as Vista Executive Team
- Social Committee, leading planning of two Vista annual company parties

EXPERIENCE

Vista → April 2018 to present

Lead Data Product Analyst → Apr 2021 to present
- Designed, developed & scaled completely new approach for price change impact measurement – time-split testing (read blog post).
- Part of Pricing & Promo Leadership Team
- Leading and responsible for Tracking & Measurement workstream

Senior Data Product Analyst → Feb 2020 to Mar 2021
- Designed, developed & scaled end-to-end pipelines to automate impact measurement for 100s of price changes using machine learning driven forecasts improving significantly on regular diff-in-diff measurement requiring mainly data engineering skillset as well as data science
- Developed & productionised data pipeline for Key Value Item scoring across million+ price points globally

Senior Pricing Analyst → Mar 2019 to Feb 2020
- Central role in joint Vista/McKinsey Transformation Office ushering in a new way of pricing across Vista's portfolio
- Responsible for multi-million-dollar portfolio optimisations on Vista's largest products incl. business cards

Pricing Analyst → Apr 2018 to Mar 2019
- Responsible for pricing optimisations across global categories
- Created pricing data models to identify opportunities to optimise quantity curves and attribute upsells

PREVIOUS EXPERIENCE

- **Research Analyst**, Karian & Box, York → Mar 2016 to Apr 2018
- **Research Analyst,** Third Bridge, London → Aug 2016 to Jan 2016
- **MEP Assistant,** European Parliament, Brussels → Jan to Jul 2015
- **Parliamentary Researcher,** Scottish Parliament, Edinburgh → Jul to Dec 2014

EDUCATION & VOLUNTEERING

Volunteer, Oxfam book shop, York → Feb 2017 to Mar 2018

BSc Hons Economics, Queen Mary University of London → Sep 2011 to Jul 2014
- Courses include Econometrics, Statistical Methods in Economics, Mathematical Methods in Economics

Erasmus exchange, Pompeu Fabra University, Barcelona → Sep to Dec 2013

Economist Summer Placement, Government Economics Service, Department for Transport, London → Jul to Aug 2013

English teacher, Project Trust (Scottish Charity), Honduras → Aug 2010 to Apr 2011

St Peter's School, York → 2005 to 2010
- 3 A-Levels including A* in Physics & A* in Mathematics
- 2 AS-Levels including A in Further Mathematics & A in Economics