TOM M. DOBSON

EXPERIENCE

Analytics Consultant

- London
- Completed an intensive, highly competitive four-month training programme at a leading data analytics consultancy, specialising in SQL, Tableau, Python, Power BI, and Alteryx
- · Engaged in two years of technical consulting at Inmarsat, IAG Cargo, and the BBC, as detailed below
- Designed and implemented automations using Python, SQL, and GitHub Actions to detect online User Group events and post alerts to an internal network
- Automated a process to detect new client opportunities in Notion and generate supporting documentation, directly saving 0.25 FTE and eliminating human error

Git Tableau Python Alteryx Power BI

Insight Analyst

Consultant via TIL

Inmarsat 📋 Jan 2024 – Present



- Designed and implemented a revenue protection system using SQL and Tableau to flag contracts nearing their end-of-commitment date, exposing £2.9m in annualised revenue at risk by April 2024
- Created SQL queries to consolidate and standardise product performance data from over ten tables into a single source of truth. Designed a Tableau interface to alert the business to performance changes and source table issues, resulting in significant time savings
- Developed SQL code to migrate ETL pipelines from Alteryx to GCP, including complex workflows with iteration and scaffolding, enhancing data delivery reliability and performance
- · Version-controlled SQL code using Git to ensure robust collaboration, code management, and change tracking
- · Used Confluence to produce wikis and technical documentation, simplifying handover of assets, future development, and troubleshooting

dbt | Git Alteryx ADF SQL Tableau

Advanced Analytics & Reporting Analyst

Consultant via TII

Q London

- Developed and productionised SQL procedures and a Tableau front end to intelligently distribute warehouse tasks based on resource availability and task complexity, directly saving 1 FTE and enabling a headcount reduction
- Designed and deployed an automated system using SQL to expose £98k in incorrectly declared cargo in 2023, enabling the recuperation of lost revenue via automated incident reporting through BusinessObjects
- Performed a full audit of an undocumented database to evaluate its potential for operational performance monitoring and presented findings to senior stakeholders
- Re-engineered an Oracle database schema to eliminate errors when calculating business-critical flight performance metrics, tested changes in parallel, and oversaw migration to the new design

BusinessObjects Tableau

Tableau & Alteryx Consultant

Consultant via TIL

British Broadcasting Corporation (BBC) Jul 2022 – Jan 2023

- Condon
- Designed and implemented data pipelines in Alteryx to clean and combine over six million rows of survey data. Created an accompanying Tableau front end to aggregate this information into a single source of truth
- Automated the generation and delivery of daily reports on high-performing news stories for senior stakeholders using Alteryx

Tableau Alteryx

CONTACT

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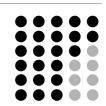
O London, UK **)** +44 (0)7968 673704

SKILLS

Tableau SQL Alteryx Python

dbt

Power BI



Databases

BigQuery Snowflake PostgreSQL Oracle 11g MS SQL Server

Management

GitHub Jira Notion Confluence

🌣 Data Engineering

SQL Python dbt Git PowerShell

Data Science

Jupyter NumPy pandas

CERTIFICATIONS

dbt Fundamentals

Jun 2024

Alteryx Designer Advanced Mar 2024

Power BI Data Analyst Associate Oct 2023

Tableau Certified Data Analyst Aug 2023

EDUCATION

MSc (R) Biological Sciences **University of Bristol**

Sep 2016 - Aug 2021

First Class · BSc

▼ Nominee · Best PhD/MSc Thesis¹

SPSS Python

¹T. M. Dobson, Master's thesis, University of Bristol, 2022, (https://bit.ly/td-thesis).