

TOM M. DOBSON

EXPERIENCE

Analytics Consultant

The Information Lab

Apr 2022 – Present

London

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

Tableau

Snowflake

Alteryx

Python

PowerBI

Zapier

Insight Analyst

Inmarsat

Jan 2024 – Present

London

- Designed and deployed a revenue protection system using SQL and Tableau to identify contracts approaching their end of commitment date, exposing **£2.9m** in annualised revenue at risk in April 2024.
- Created SQL queries to scaffold, unify, and standardise over ten tables of product performance data into a single source of truth. Designed a Tableau front end to alert the business of performance changes and source table issues, resulting in significant time savings.

Tableau

BigQuery

GoogleSQL

Alteryx

ADF

Advanced Analytics & Reporting Analyst

IAG Cargo

Feb 2023 – Aug 2023

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 in Oracle 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 assess its capacity for enhancing performance monitoring of business operations and presented findings to senior stakeholders.
- Scoped and 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.

Tableau

Oracle

PL/SQL

BusinessObjects

Tableau & Alteryx Consultant

British Broadcasting Corporation (BBC)

Jul 2022 – Jan 2023

London

- 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 production and delivery of daily reports on high-performing news stories for senior stakeholders using Alteryx.

Tableau

PostgreSQL

Alteryx

CONTACT

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SKILLS

Tableau

Alteryx

SQL

Python

Power BI



Databases

BigQuery

Snowflake

PostgreSQL

Oracle 11g

MS SQL Server

Management

GitHub

Jira

Notion

Data Engineering

SQL

Python

Powershell

Git

Data Science


Jupyter


NumPy


pandas

VS Code

CERTIFICATIONS

 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

Python

R

SPSS

LaTeX

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