

TOM M. DOBSON

EXPERIENCE

Data 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, PowerBI, 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 automatic system to detect new Tableau User Group events online and post alerts to an internal network using Python, GitHub Actions, Zapier, and Snowflake.
- Conducted 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.
- Produced SQL queries to scaffold, unify, and standardise product performance data from over ten tables into a single source of truth. Designed an optimised Tableau front-end to alert the business of performance changes and issues in each source table, 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 between employees based on resource availability and task complexity, directly reducing headcount and saving **1 FTE**.
- Designed and deployed an automated system in Oracle to expose **£98k** in incorrectly declared cargo in 2023. Enabled recuperation of lost revenue via automated reporting of offending clients in BusinessObjects.
- Performed a full audit of an undocumented database to determine its ability to answer various business questions, presenting findings to senior stakeholders.
- Scoped and re-engineered an Oracle database schema to prevent 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

- Developed new data pipelines in Alteryx to combine and standardise survey data from various sources into a single source of truth. Delivered insights to stakeholders via a Tableau front-end.
- Automated the delivery of daily reports on high-performing news stories to senior stakeholders via 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 Hons. (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>).