# TOM M. DOBSON

#### **EXPERIENCE**

#### **Analytics Consultant**

- 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 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



- 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 more than ten tables of product performance data into a single source of truth. Designed an optimised Tableau front end to alert the business of performance changes and issues in source tables, resulting in significant time savings.



### Advanced Analytics & Reporting Analyst

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 enabling a reduction in headcount and saving 1 FTE.
- Designed and deployed an automated system in Oracle to expose £98k in incorrectly declared cargo in 2023, enabling recuperation of lost revenue via automated reporting of incidents through BusinessObjects.
- Performed a full audit of an undocumented database to determine its capacity to enhance performance monitoring for business operations and presented findings to senior stakeholders.
- Scoped and re-engineered Oracle database schema to eliminate errors when calculating business-critical flight performance metrics, tested changes in parallel, and oversaw migration to the new design.

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#### Tableau & Alteryx Consultant

- Jul 2022 Jan 2023 London
- Designed and implemented data pipelines in Alteryx to clean and combine over
- six million rows of survey data. Produced an accompanying Tableau front end to aggregate information into a single source of truth.

   Automated the creation and delivery of daily reports on high-performing news stories



#### CONTACT

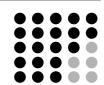
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#### **SKILLS**

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

pandas

VS Code

# **CERTIFICATIONS**

NumPy

Alteryx Designer Advanced
Mar 2024

Oct 2023

Jupyter

Power BI Data Analyst Associate

+++ +++ 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

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