# TOM M. DOBSON

## **EXPERIENCE**

## **Analytics Consultant**

- Condon
- Completed an intensive, highly competitive, four-month training programme at a leading data analytics consultancy, specialising in Tableau, SQL, Alteryx, Power BI, and Python
- Provided two years of technical consulting at Inmarsat, IAG Cargo, and the BBC, as detailed below
- · Automated an internal process to detect new client opportunities in Notion and generate supporting documentation, directly saving 0.25 FTE and eliminating human
- 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

SQL	[ Tableau ]	(Python)	Alteryx	PowerBI	$\left( Zapier \right)$

## **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 gueries 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



## Advanced Analytics & Reporting Analyst

Condon

- · 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 & Alteryx Consultant

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



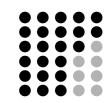
## CONTACT

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## **SKILLS**

Tableau Alteryx SQL dbt Python Power BI



#### Databases

PostgreSQL BigQuery Snowflake MS SQL Server Oracle 11g

## Management

GitHub | Jira Notion

## 🌣 Data Engineering

Python dbt PowerShell

## Data Science

Jupyter NumPy pandas VS Code

## CERTIFICATIONS

dbt Fundementals May 2024

Alteryx Designer Advanced Mar 2024

Power BI Data Analyst Associate iII) 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 ₽T<sub>F</sub>X

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