

TOM DOBSON

EXPERIENCE

Analytics Consultant

The Information Lab (TIL) 📅 Apr 2022 – Present 📍 London

- Leveraged expertise in SQL, Tableau, Python, Power BI, and Alteryx for major clients, measurably reducing operational costs and increasing efficiency
- Orchestrated the end-to-end delivery of data tools and infrastructure for Inmarsat, IAG Cargo, and the BBC, as detailed below
- Designed and implemented automations using Python, SQL, and GitHub Actions to detect and publicise new User Group events, increasing engagement by **80%**
- Automated the detection of new client opportunities in Notion and generation of supporting documentation, directly saving **0.25 FTE** and eliminating human error

SQL Snowflake Tableau Python Git Alteryx Power BI

Insight Analyst

Consultant via TIL

Inmarsat 📅 Jan 2024 – Present 📍 London

- Developed a revenue protection system using SQL and Tableau, exposing over **£2.9m** in annualised revenue at risk
- Spearheaded the migration of critical ETL pipelines from Alteryx to GCP, saving **£100k** in licence fees and enhancing data delivery reliability
- Modelled a data mart in GCP to consolidate performance data from 15 tables and created a Tableau interface to alert on performance changes
- Implemented Git for version control, ensuring robust change tracking and code management
- Authored comprehensive wikis and technical documentation, simplifying asset handover and future development

SQL GCP Tableau dbt Git Alteryx ADF

Advanced Analytics & Reporting Analyst

Consultant via TIL

IAG Cargo 📅 Feb 2023 – Aug 2023 📍 London

- Developed SQL procedures and Tableau interface for automatic, intelligent warehouse task distribution, saving **1 FTE** and enabling a reduction in head-count
- Designed an automated system using SQL to expose **£98k** in incorrectly declared cargo in 2023, enabling the recuperation of lost revenue via automated incident reporting
- Remodelled an Oracle database schema, reducing discrepancies in performance reporting from 15% to **less than 1%**
- Implemented a novel data mart using SQL, enabling the new product offering of CO₂ emissions tracking
- Performed a full audit of an undocumented real-time database for performance monitoring potential and presented findings to senior stakeholders

SQL Oracle 11g Tableau BusinessObjects

Tableau & Alteryx Consultant

Consultant via TIL

The BBC 📅 Jul 2022 – Jan 2023 📍 London

- Designed data pipelines to consolidate over **6m** rows of survey data and created a Tableau front end to enable self-service insight discovery
- Automated daily reporting of high-performing articles for senior stakeholders using Alteryx

SQL Redshift Tableau Alteryx

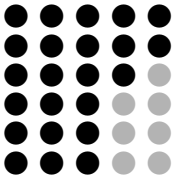
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SKILLS

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 YAML

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

🏆 Nominee · Best PhD/MSc Thesis¹

🎓 First Class · BSc

Python R SPSS \LaTeX

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