

TOM M. 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, achieving measurable impacts on operational costs and efficiency
- Orchestrated the end-to-end delivery of data infrastructure and products 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 event attendance by 80%
- Automated the detection of new client opportunities in Notion and generated supporting documentation, directly saving **0.25 FTE** and eliminating human error

SQLSnowflakeTableauPythonGitAlteryxPower 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
- Modeled a data mart in GCP to consolidate performance data from fifteen tables, creating 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

SQLGCPTableaudbtGitAlteryxADF

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 headcount reduction
- Exposed **£98k** in lost revenue using SQL, enabling recuperation via automated incident reporting
- Audited an undocumented database for performance monitoring potential, presenting findings to senior stakeholders
- Remodelled an Oracle database schema, reducing discrepancies in performance reporting from 15% to less than 2%

SQLOracle 11gTableauBusinessObjects

Tableau & Alteryx Consultant

Consultant via TIL

British Broadcasting Corporation (BBC)

📅 Jul 2022 – Jan 2023

📍 London

- Constructed data pipelines to consolidate over six million rows of survey data, creating a Tableau front end to enable self-service insight discovery
- Automated daily reporting of high-performing articles for senior stakeholders using Alteryx

SQLRedshiftTableauAlteryx

CONTACT

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SKILLS

Tableau

SQL

Alteryx

Python

dbt

Power BI

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Databases

BigQuerySnowflakePostgreSQL

Oracle 11gMS SQL Server

Management

GitHubJiraNotion

Confluence

Data Engineering

SQLPythondbtGit

PowerShellYAML

Data Science

JupyterNumPypandas

CERTIFICATIONS

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dbt Fundamentals

Jun 2024

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Alteryx Designer Advanced

Mar 2024

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Power BI Data Analyst Associate

Oct 2023

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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

PythonRSPSSL^AT_EX

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