

Alan Thomas

Dublin, Ireland — alanthomas2999@gmail.com — linkedin.com/in/alan-thomas-b3496a182

Professional Summary

Entry-level Data Analyst with hands-on project experience in data cleaning, reporting, and dashboard development using Power BI and Python. Comfortable working with structured datasets, creating KPI-driven visualizations, and automating repetitive tasks to improve efficiency. Strong technical foundation in modern web development (React, Vue, Node.js) and REST APIs, enabling reliable data integration and scalable reporting solutions.

Skills

Analytics & BI: Power BI (data modelling, DAX, dashboards), Python (pandas, automation), SQL, Excel (Power Query, PivotTables)

Development: JavaScript, React, Vue.js, Node.js, REST APIs

Core Competencies: Data cleaning & validation, KPI reporting, exploratory data analysis, stakeholder-ready reporting

Tools: Git/GitHub, VS Code

Selected Projects

Power BI KPI Dashboard (Portfolio Project)

Power BI, DAX, Excel/CSV

- Built an interactive dashboard to track key metrics and trends with drill-down views for quick analysis.
- Modeled data relationships and created DAX measures (e.g., growth, variance, rolling totals) to support consistent reporting.
- Applied data validation and refresh-ready structure to improve reliability and ease of reuse.

Data Cleaning & Reporting Automation

Python, pandas

- Developed Python scripts to clean datasets (handling missing values, formatting, standardizing fields) and generate reusable outputs.
- Automated recurring manual steps such as file consolidation and basic report preparation to reduce repetitive work.
- Produced summary tables suitable for BI ingestion and stakeholder reporting.

Data-Driven Web App (Analytics Display)

React/Vue, Node.js, REST APIs

- Built a web interface to display analytics outputs and structured reports in a clean, user-friendly format.
- Implemented API-based data retrieval and basic backend logic to support scalable data handling.
- Used version control (Git) and modular components to keep the project maintainable.

Education

MSc Data Analytics

2024 – 2025

National College of Ireland, Dublin

Additional

Eligible to work in Ireland; open to Entry-level Data Analyst / BI Analyst / Reporting Analyst roles.