Engineer Advisory

Delivered 8 Power BI projects with manuals

Delivered 8 Power BI projects with comprehensive manuals, integrating Microsoft Power BI tools with NodeJS API and Python FastAPI for effective data analytics and visualization.

2022 – 2024

8

Power BI projects, each with its manual

Situation. The organization needed dynamic, visual insights into complex datasets involving electrical grid performance and geographical distribution metrics to support decision-making across technical and strategic teams.

Task. Develop interactive dashboards and reporting solutions that could effectively present both real-time and historical geographical and electrical data, enabling stakeholders to quickly identify trends, anomalies, and performance indicators.

Action. Integrated Microsoft Power BI with a custom backend stack using NodeJS API and Python FastAPI to streamline data ingestion, transformation, and visualization. Designed and implemented dashboards with map visualizations, energy consumption metrics, outage tracking, and grid efficiency indicators. Developed reusable templates and detailed documentation to support scalability and ease of use.

Result. Successfully delivered 8 data analytics projects, improving report generation efficiency by 60% and enabling cross-functional teams to make faster, data-driven decisions. Stakeholders reported a significant increase in understanding of regional electrical performance and resource planning accuracy.

Bring this experience to your project

Use “Delivered 8 Power BI projects with manuals” as a starting point for a similar challenge in your organisation. The services behind this work are available for your project. Handovers, runbooks and manuals that let your own staff operate the system without ringing whoever built it.

Explore our services Get in touch →

Look behind the result

Read the situation, decisions and result in this example. We can discuss which parts transfer to your constraints and which need another approach. Delivered 8 Power BI projects with manuals — 8 Power BI projects, each with its manual

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Need your data turned into clear dashboards?

Talk through your project with the engineer responsible for delivery. We agree the scope, price basis and handover in writing before work begins.

Role context: Data Analyst. It draws on Backend Engineering, APIs & Integration, Data Engineering, Data Analytics, Python, GIS / Geospatial, Product & Requirements and Documentation. And while you are here, we are rather good at Backend & API Development, Data Analytics & BI Dashboards and Technical Documentation.

Get in touch Explore our services

One piece of **a longer record** — and it is all on this site.

Every entry is written the same way: the situation, the task, what we did and what changed.

See the whole record

Define the improvement you need

Bring the decision, the people affected and the options already considered. We can make the tradeoffs explicit and leave a documented recommendation.

See what it costs Get in touch →

Need your data turned into clear dashboards?

Ask about the decisions behind “Delivered 8 Power BI projects with manuals”. You will speak with the people who can explain the work and assess your own project.

Explore our services

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Contact card

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