



Power BI One-Day Dashboard Workshop

Music Industry Analytics · From Raw Data to Stakeholder-Ready Dashboards in One Day

Workshop Overview

This intensive one-day workshop takes you through the complete Power BI workflow — from connecting and cleaning raw data to designing a star-schema model, writing DAX measures, building interactive visualizations, and publishing your finished dashboard to the Power BI Service. Using a realistic music industry sales dataset (10,000+ transactions), you'll answer real business questions and walk away with a polished, multi-page report ready for stakeholders.

Who Should Attend: Beginners new to Power BI and intermediate users looking to solidify best practices. Basic Excel or database familiarity is helpful — no prior Power BI experience required.

What You'll Learn

- **Data Preparation with Power Query** — Connect to Excel data and use Power Query for ETL: clean data types, handle missing values, create calculated columns, and shape analysis-ready tables.
- **Star-Schema Data Modeling** — Design a proper model with a central fact table linked to dimension tables (Products, Regions, Channels, Dates) and set up relationships correctly.
- **DAX Measures & Time Intelligence** — Author calculated measures for KPIs (Total Sales, Profit, Margin %) and implement YTD, YoY, MTD, and rolling-period calculations.
- **Interactive Visualizations** — Build multi-page reports with cards, bar/column/line charts, maps, matrices, slicers, drillthrough pages, custom tooltips, and navigation buttons.
- **What-If Scenario Analysis** — Create parameters and dynamic DAX to simulate business scenarios (e.g. discount impact on revenue) in real time.
- **Publishing & Row-Level Security** — Publish to the Power BI Service, create apps, manage permissions, and implement RLS so different users see only their data.

7 GUIDED LABS + CAPSTONE PROJECT

Lab A Executive Overview Page	Lab B Product Performance	Lab C Region & Channel Analysis	Lab D Drillthrough & Tooltips
Lab E What-If Scenarios	Lab F Time Intelligence Deep Dive	Lab G RLS & Publishing	Capstone Full End-to-End Project

Capstone Project Deliverables

Your final project is a publishable, stakeholder-ready Power BI dashboard featuring: a star-schema data model with a dedicated Date table, at least five report pages (Overview, Trends, Product, Region/Channel, What-If), core DAX measures and KPIs, interactive slicers, drillthrough navigation, a Reset Filters button, and professional design polish. You'll leave with a tangible portfolio piece demonstrating end-to-end analytics delivery.

Ready to Transform Data into Insights?

One day. One realistic dataset. One complete dashboard. Join the workshop and build the Power BI skills that employers demand.