

Excel Project: Trading Operation Analysis

Project Description:

The project was commissioned by FinTrack Solutions, a company providing advanced tools for performance monitoring and financial analytics. The purpose was to take an existing spreadsheet that tracks Bob's trades since January 1st, 2021, and transform it into a dynamic, structured analytical instrument. The goal was to enable deeper, faster and more visual insights on the trading activity across multiple stock exchanges and geographical regions.

Key Responsibilities and Tasks:

I restructured the spreadsheet into four dedicated sheets: (1) My Trades with unified formatting and calculated fields, (2) Stock Exchanges with a pivot table showing number of shares traded per region, including tax thresholds, (3) Profit Insights with profit calculations, holding periods and histogram visualisations, and (4) Number of Trades Exchanged with a contingency table and probability calculations. I applied consistent layout, formatting standards, date formatting, conditional logic, advanced functions, and data visualisations.

Outcome:

The final delivery was a clear, modular and analytical Excel file capable of supporting faster decision making. It allowed the user to immediately identify trade profitability, analyse performance based on holding duration, compare activity by region and run tax-relevant checks. Additionally, the incorporated visual elements and statistical outputs improved interpretability and made the spreadsheet suitable as a continuous monitoring tool, not only as a data archive.

Technologies and Tools Used:

Microsoft Excel (pivot tables, histograms, date math functions, conditional logic, formatting, probability analysis).