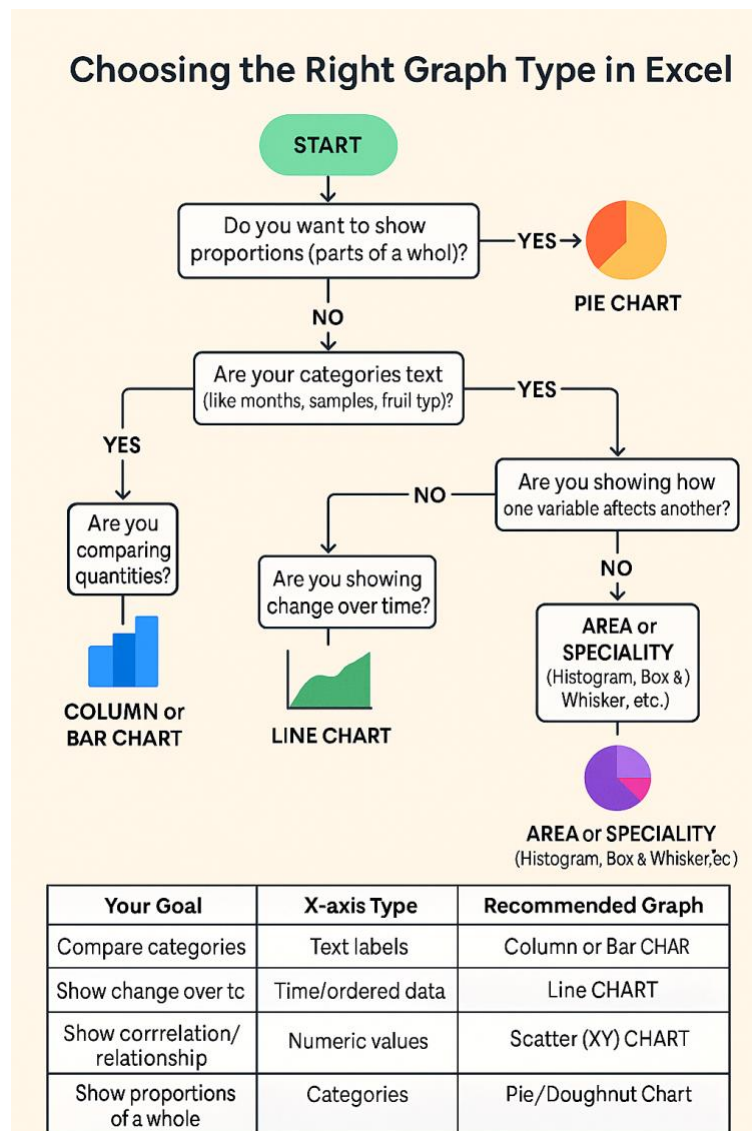


Choosing the Right Graph/Chart Type in Excel

This guide helps you decide which type of Excel chart or graph to use, depending on your data and what you want to show.

Decision Flow



Quick Summary Table

Your Goal	X-axis Type	Recommended Graph
Compare categories	Text labels	Column / Bar
Show change over time	Time / ordered data	Line
Show correlation / relationship	Numeric values	Scatter (XY)
Show proportions of a whole	Categories	Pie / Doughnut
Show distribution or spread	Numeric	Histogram / Box & Whisker

Example Pairings

Situation	Best Chart
Hours studied vs exam score	Scatter
Average temperature per month	Line
Students per major	Column
Budget breakdown	Pie
Distribution of exam scores	Histogram

Note : Scientists use the term ‘Scatter Graph’ whereas Excel and other software use the term ‘Scatter Chart’ - they are the same thing.

Reference: These tables, diagrams etc. were created with the use of ChatGPT.