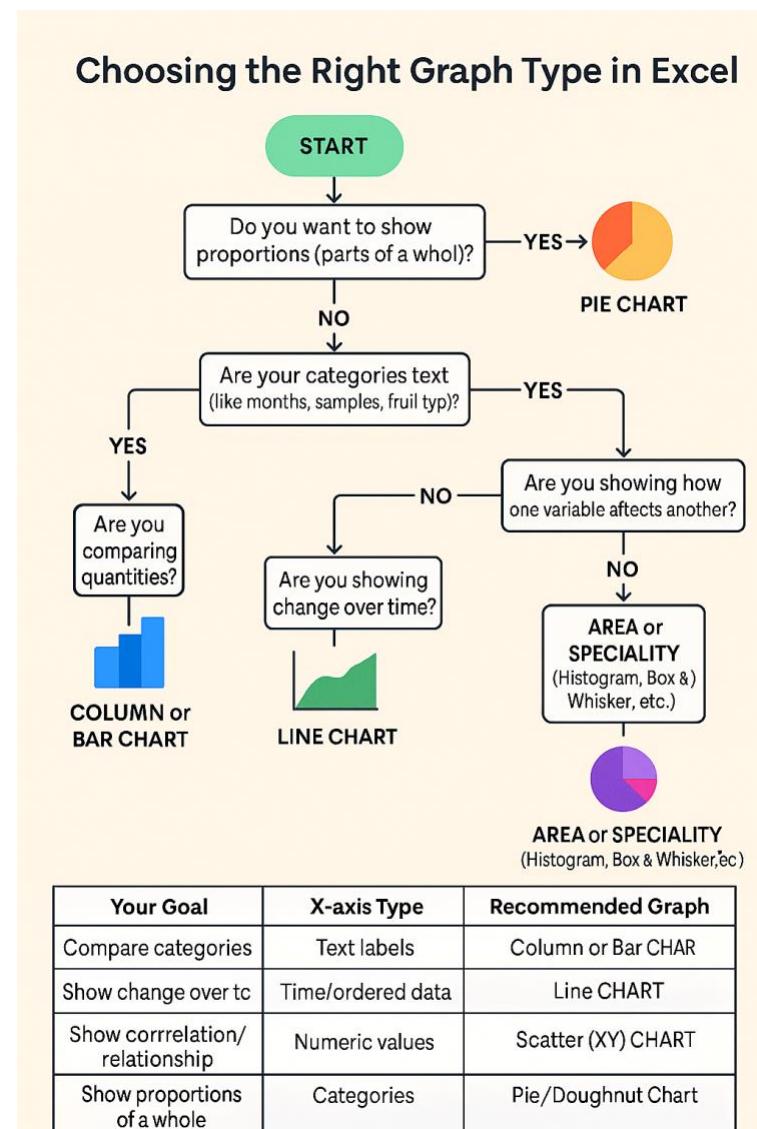


## Choosing the Right Graph/Chart Type in Excel

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.