

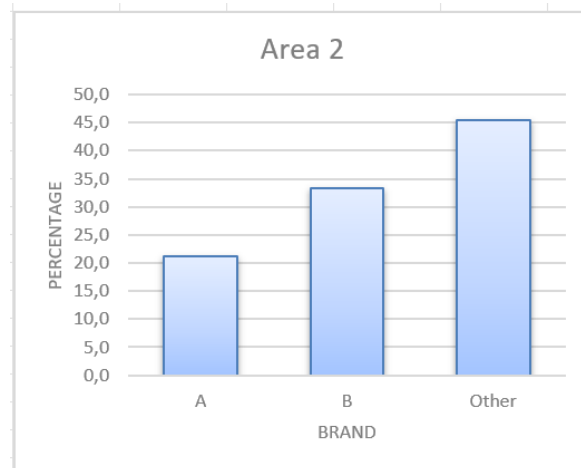
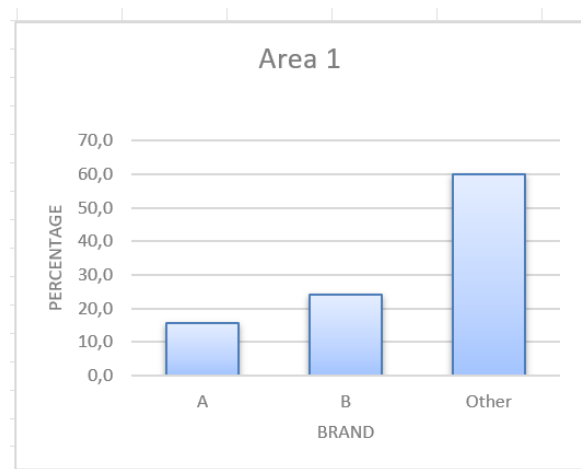
Charts Example Worksheet

Exercise 9.1 – Bar Charts: Area 1 and Area 2

Objective:

To create percentage frequency bar charts showing cereal brand preferences in Area 1 and Area 2.

Screenshots:



Interpretation:

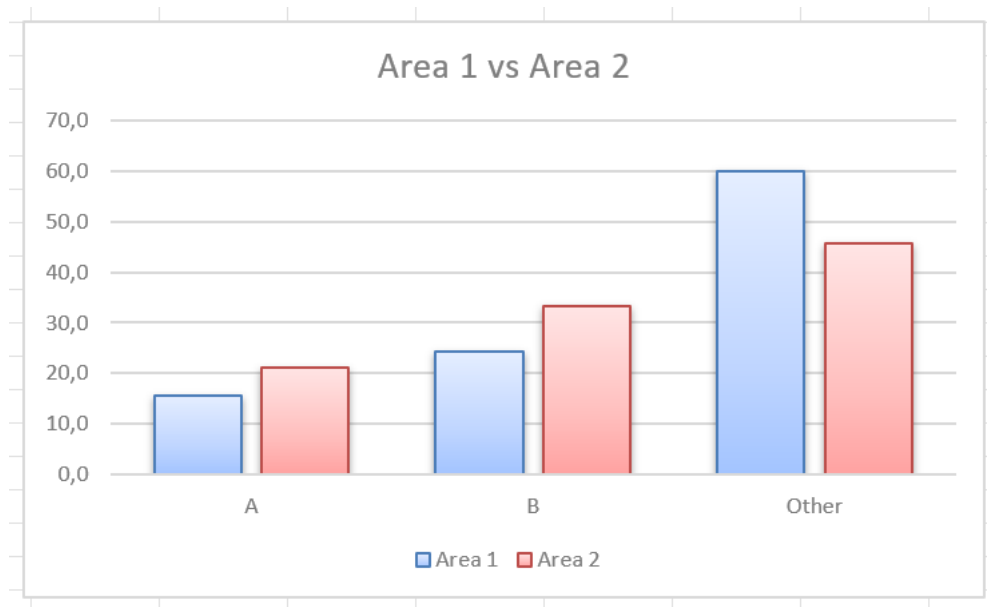
In Area 1, the majority preferred “Other” brands, with Brand A being the least preferred. In Area 2, Brand B had a higher preference, but “Other” brands still led overall. This suggests brand loyalty varies by demographic area.

Exercise 9.2 – Clustered Bar Chart: Area Comparison

Objective:

To compare brand preferences between Area 1 and Area 2 using a clustered column chart.

Screenshot:



Interpretation:

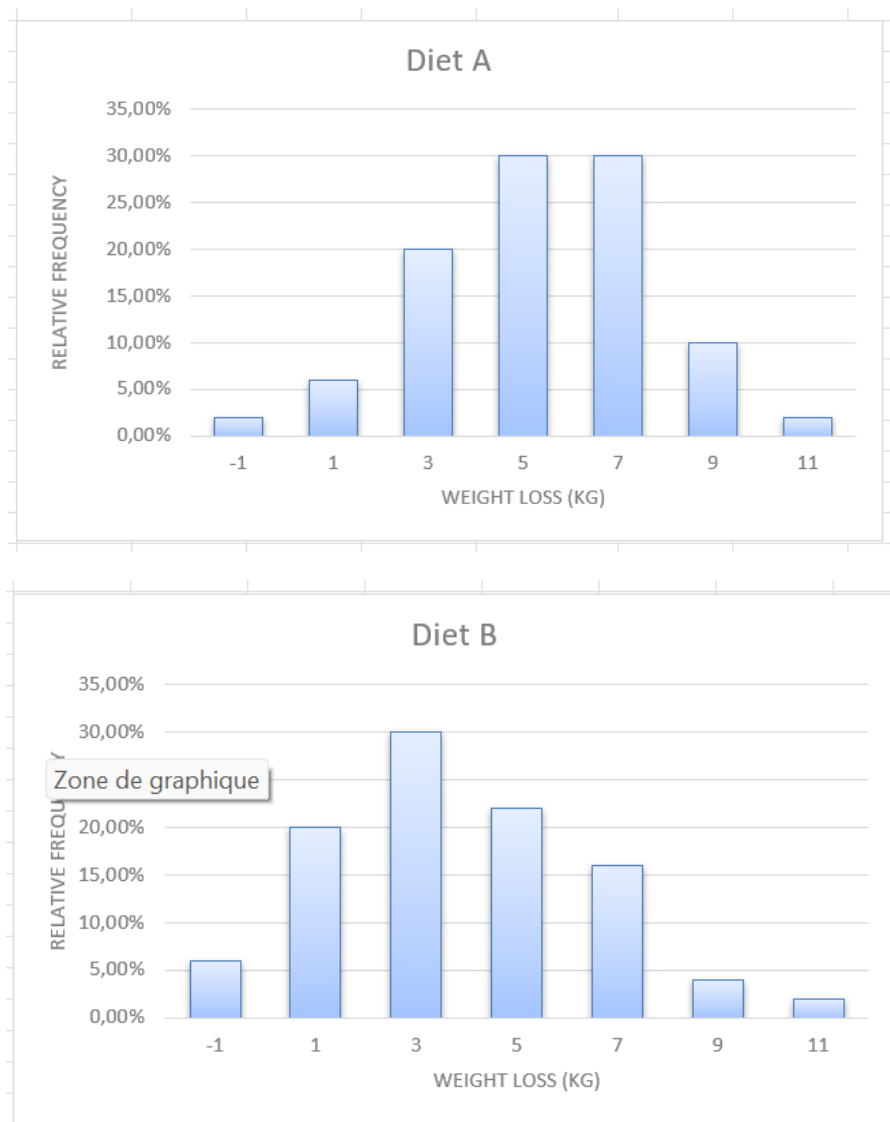
Brand preferences for A and B are clearly higher in Area 2, while “Other” brands dominate in Area 1. The chart reveals stronger preference diversity in Area 1.

Exercise 9.3 – Relative Frequency Histogram: Diet A vs Diet B

Objective:

To create histograms comparing weight loss distributions for Diet A and Diet B using relative frequencies.

Screenshots:



Interpretation:

Both distributions are unimodal, but Diet B appears more symmetric and consistent, while Diet A shows a slight left skew. Diet B may lead to more consistent weight loss outcomes across individuals.