

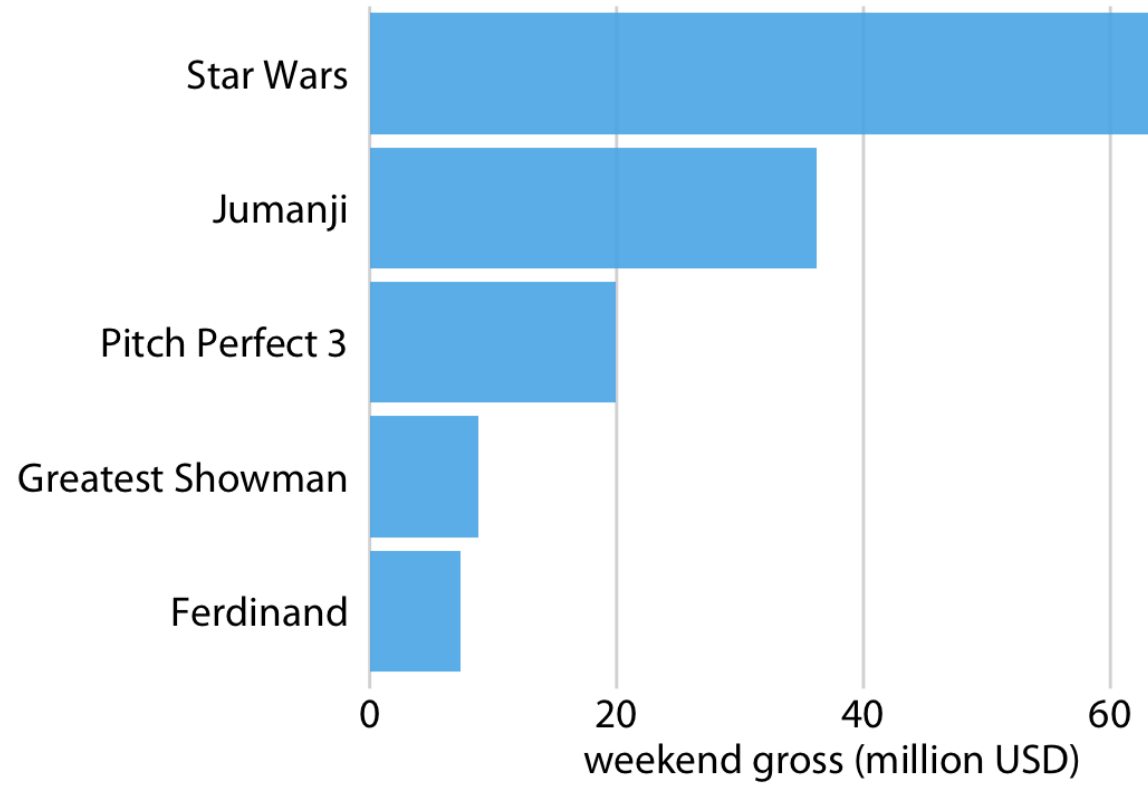
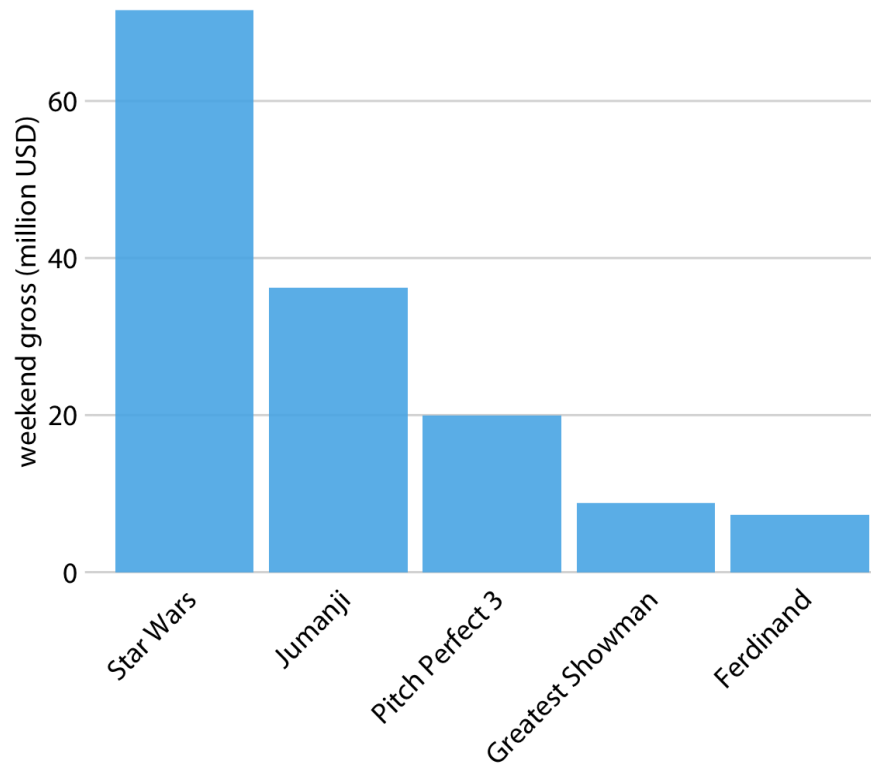
Unit-II

Visualizing Distributions

Bar plots

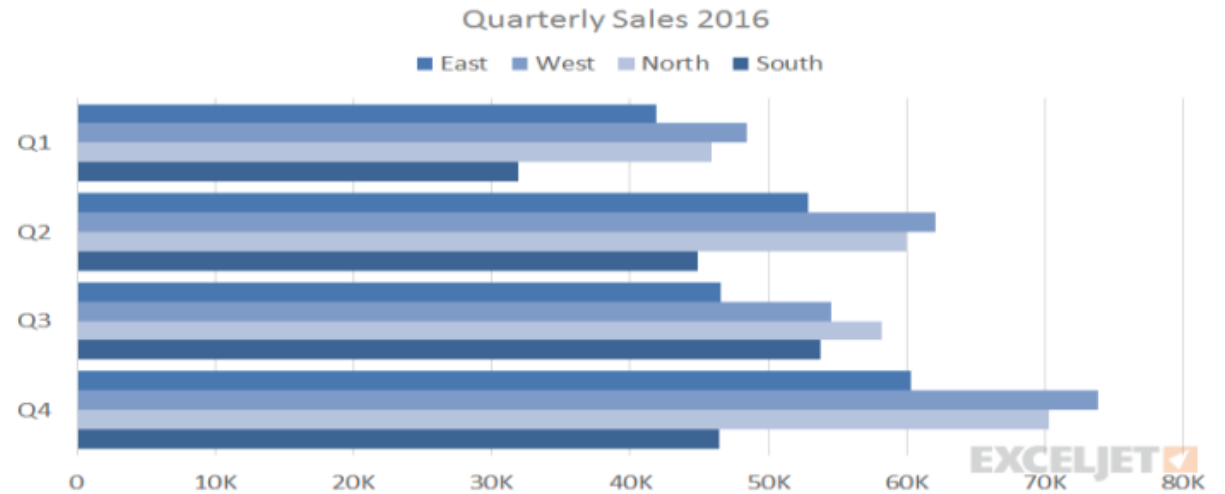
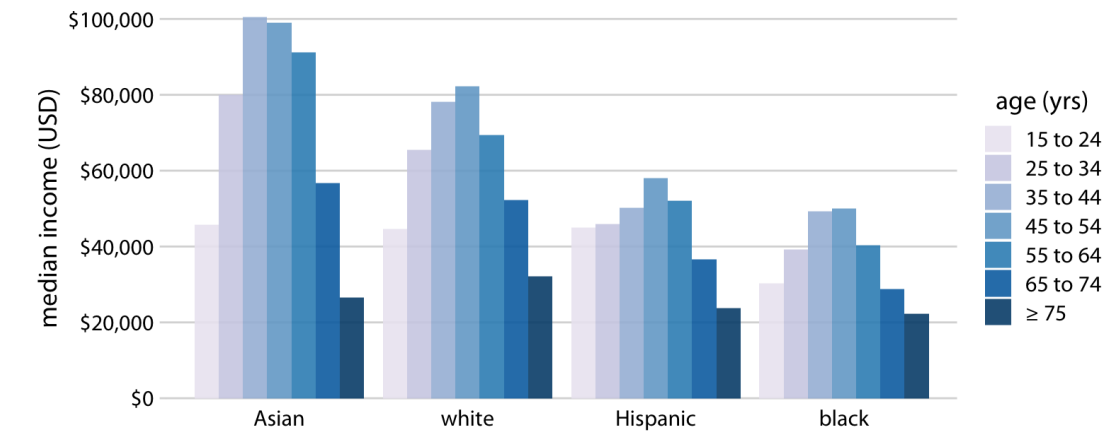
- A bar chart or bar graph is a chart or graph that presents categorical data with rectangular bars with heights or lengths proportional to the values that they represent.
- Quantitative visualization for tabular data.
- X-Y correlation (function) need not be there.
- It shows data that falls into discrete categories.
- Characters are allowed at x-axis

Bar plots



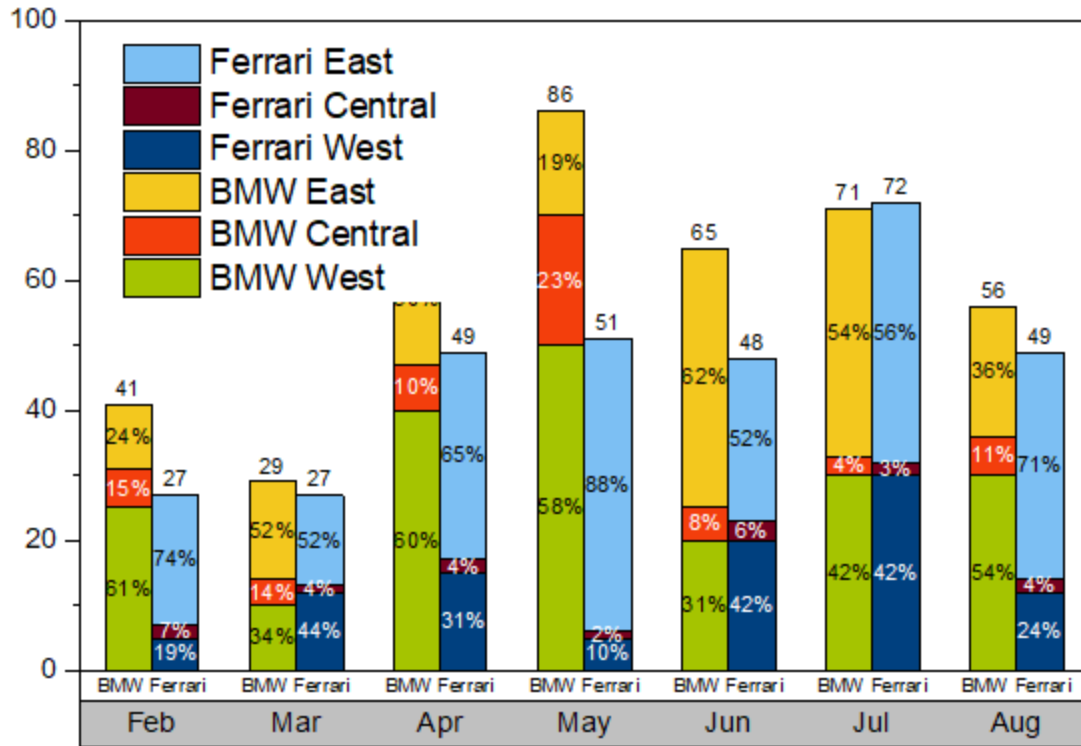
Grouped Bar Chart

- A grouped bar chart is a type of bar graph that is used to represent and compare different categories of two or more groups.
- Width of each column is fixed but height is proportional to the quantity they want to show.



Stacked bar graph

Sales



Incidence Rates for Selected Cancers in New England, 2005 to 2009

Rates are per 100,000 adjusted to the 2000 US standard population

