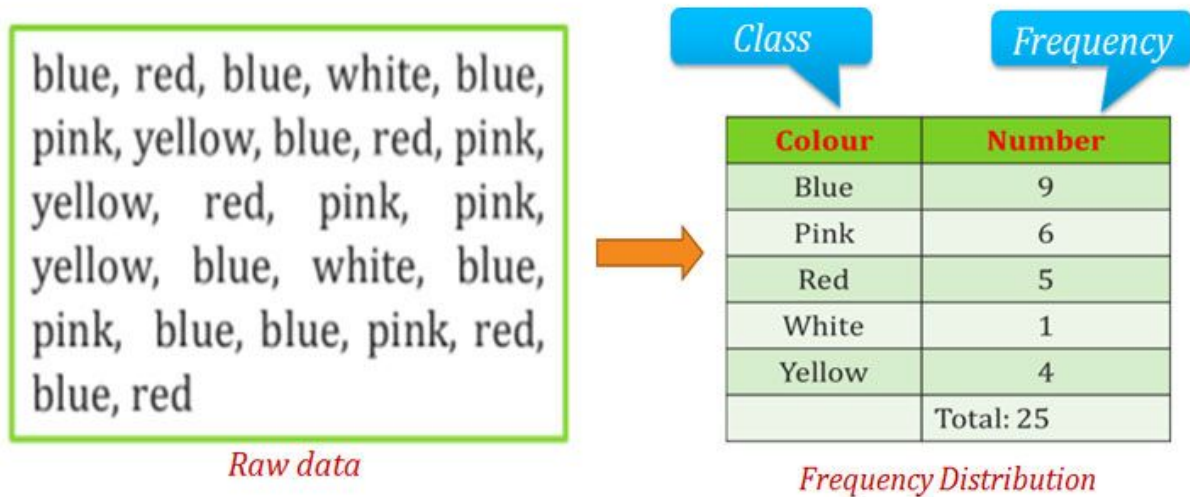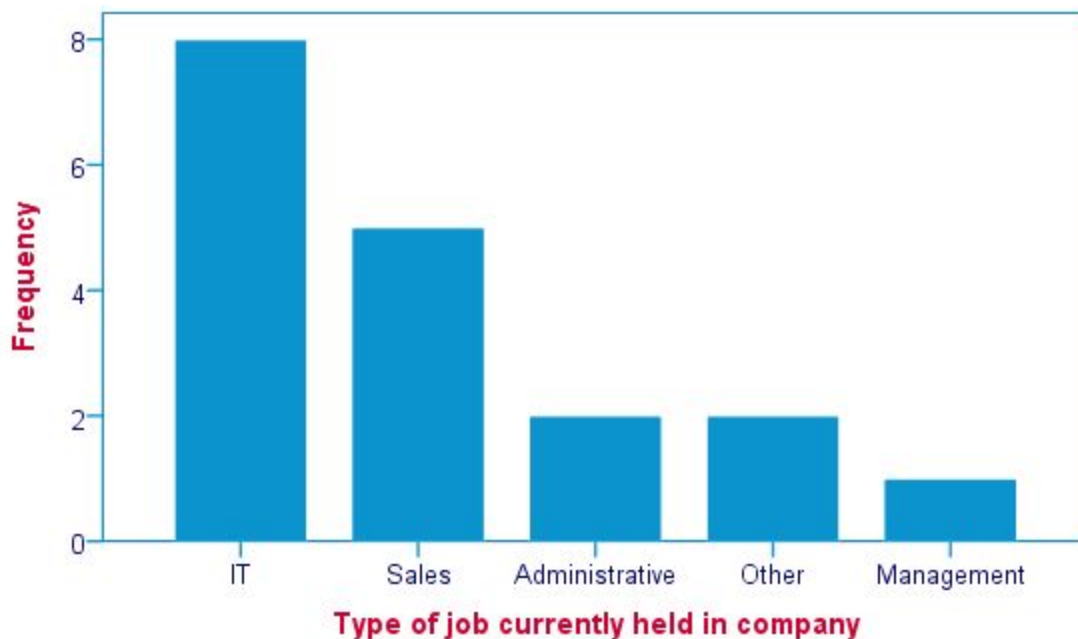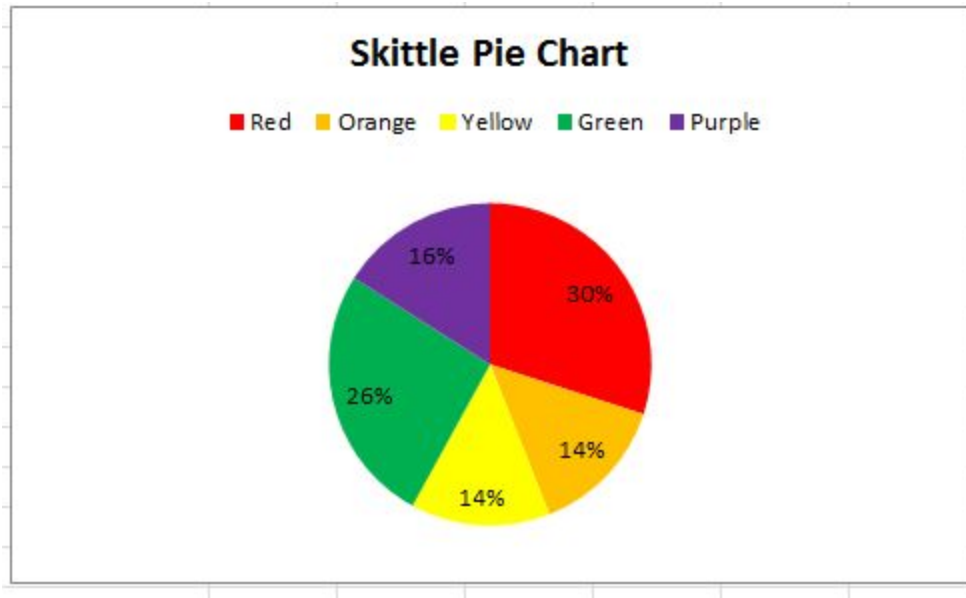visualising data best way to interpret
categorical variable
frequency distribution table
has 2 coloums
category and corresponding frequency(number of units sold)

Colour	Number
Blue	9
Pink	6
Red	5
White	1
Yellow	4
	Total: 25

blue, red, blue, white, blue, pink, yellow, blue, red, pink, yellow, red, pink, pink, yellow, blue, white, blue, pink, blue, blue, pink, red, blue, red

Raw data

Class *Frequency*

Frequency Distribution

Very easy to make bar charts with these too

Category-y axis
Frequency-x

Skittle Pie Chart

Red · Orange · Yellow · Green · Purple

16% · 30% · 14% · 14% · 26%

Pie chart

You need to calc freq %

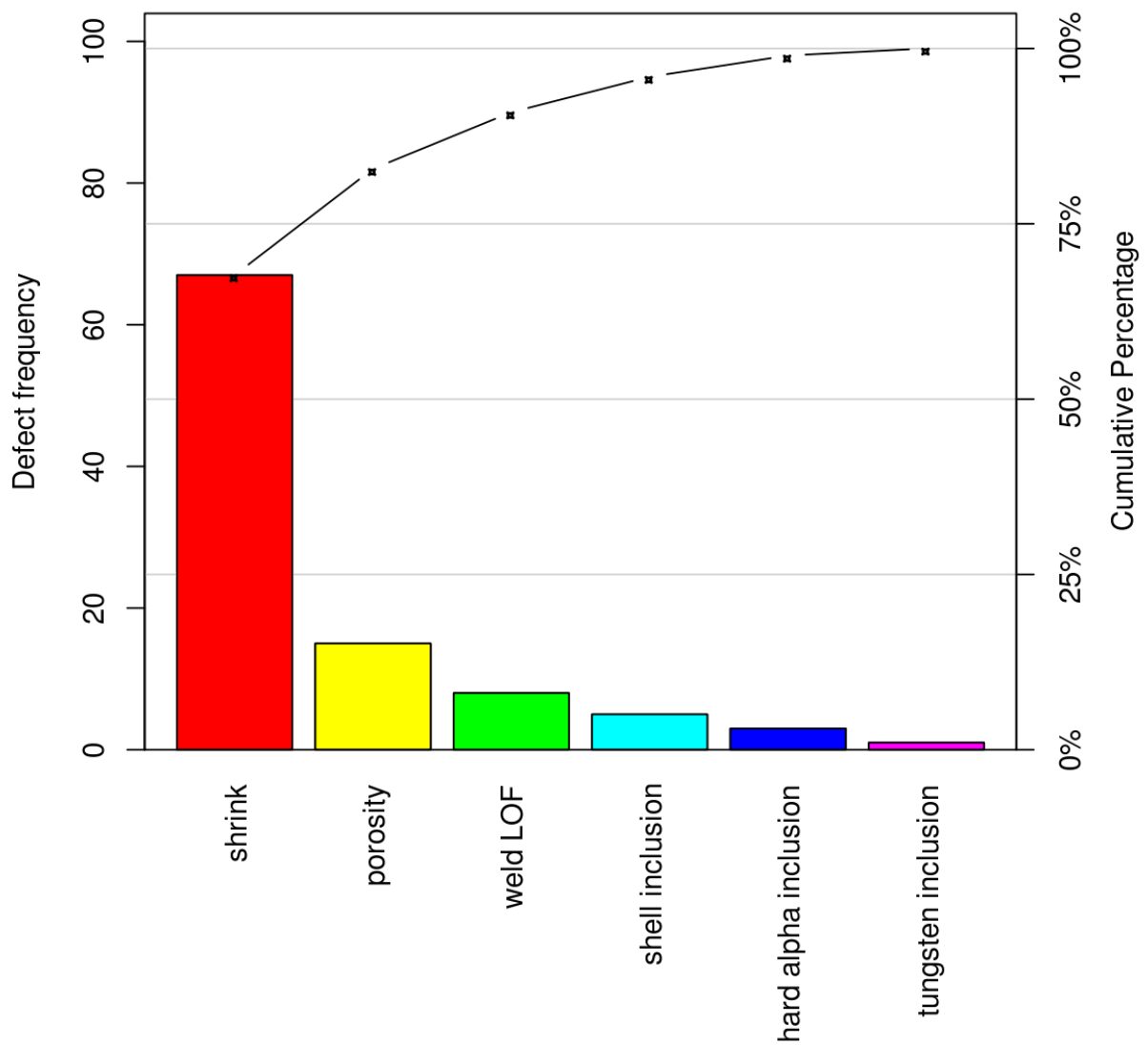This freq% is called relative freq they sum to 100

Marketshare mostly displayed by pie chart

Pareto diagram

Bar chart

Categories shown by descending order of frequency

Pareto chart of titanium investment casting defects

Last part of pareto diagram is the curve
Which is the cumulative frequencies
Which is the sum of relative frequencies