Describing Graphs, Tables and Charts
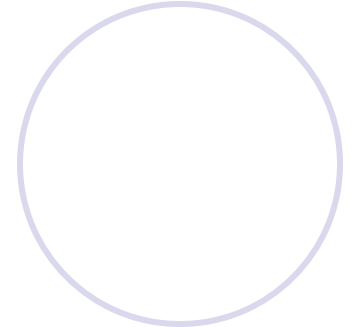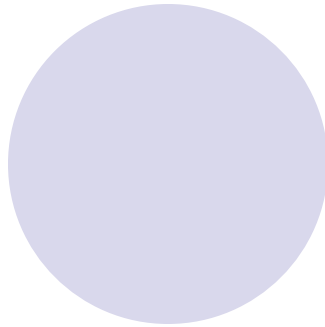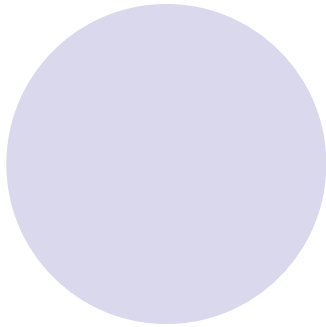
What is a chart?

- A chart is a diagram that makes information easier to understand by showing how two or more sets of data are related.

- There are two common types of chart, a pie chart and a bar chart.

A **pie chart** is **a circle** divided into **segments**. It is usually used to show **percentages.**
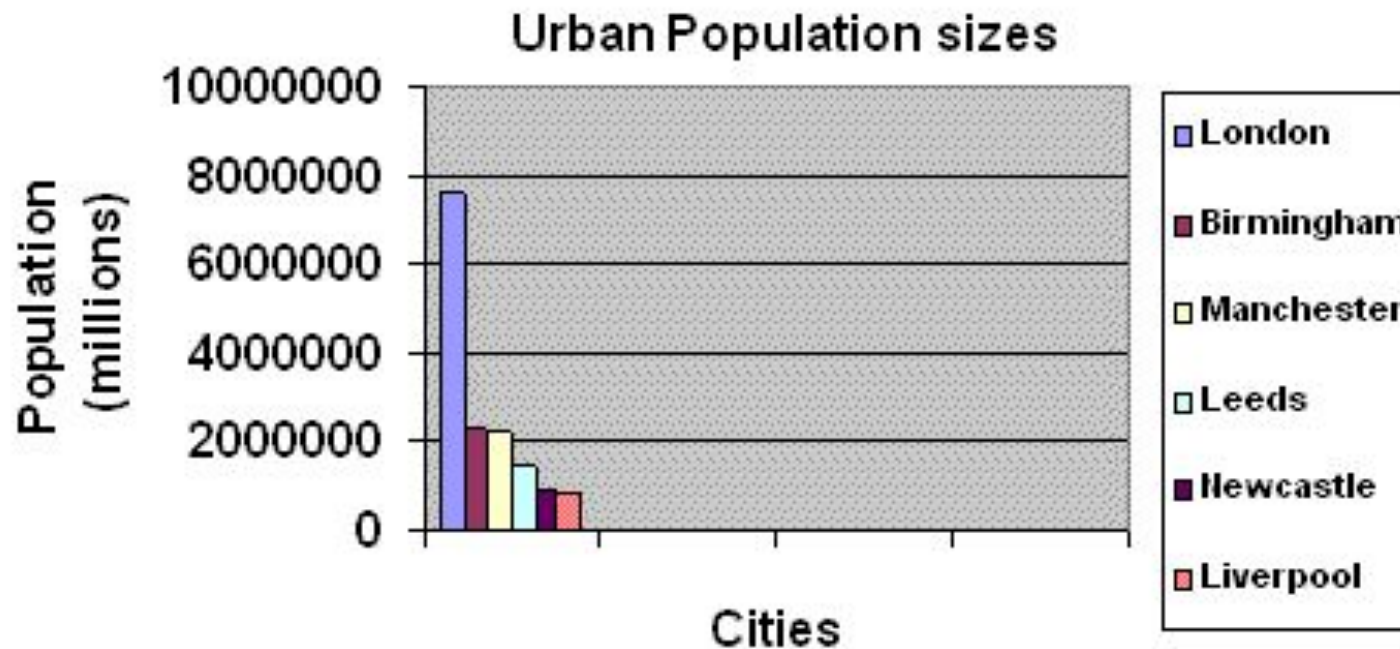

British Supermarkets' Market Share

- Tesco
- Sainsbury's
- Asda
- Safeway
- Somerfield
- Kwiksave
- M & S
- Morrisons
- Waitrose
- Iceland

A **Bar chart** is a **diagram** that makes information easier to understand by showing how two or more sets of data are related.

A bar chart is divided into **columns**.

Urban Population sizes

A **graph** is a **diagram**, usually **a line** or **curve**, which shows how two or more sets of numbers or measurements **are related**.

Benchmark results
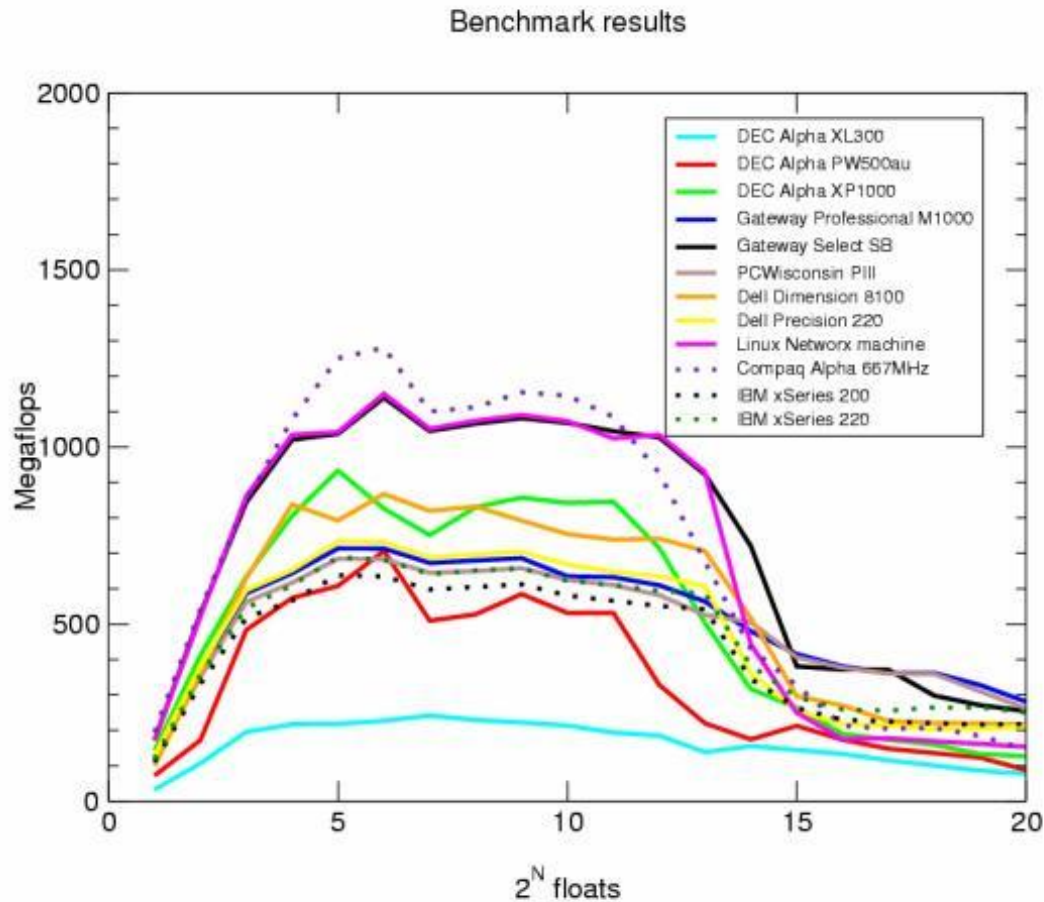
A table is a set of facts and figures arranged in **columns and rows. A table** is a very useful way of organising **numerical information**.

Notional average abatement costs by sector

	Sector	Particulate emissions (tons)	Cumulative emissions (percent)	Sectoral average abatement cost (US$/ton)
3690	Nonmetal products	400	40	20
3411	Pulp, paper	100	50	43
3230	Agricultural chemicals	250	75	127
3710	Iron, steel	200	95	182
3520	Other chemicals	50	100	212
	Total	1,000		

What is a trend?

- Trends are the changes or movements in facts and figures over a period of time.

- We can use different **verbs and nouns** to describe trends

Downward movement
(verbs)

decline

decrease

drop

fall

slide

lose ground

crash

collapse

plummet

plunge
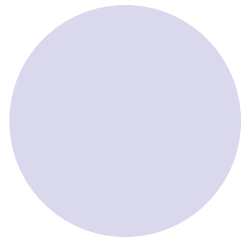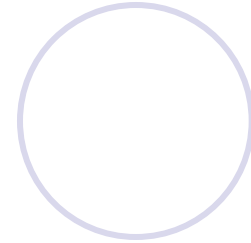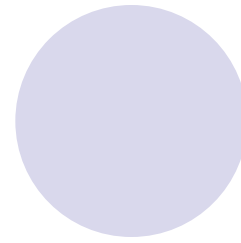
take a fall

weaken

Upward movement
(verbs)

climb

rise

increase

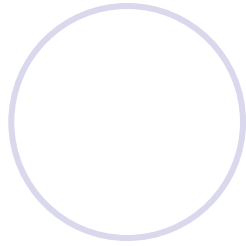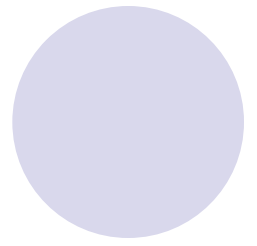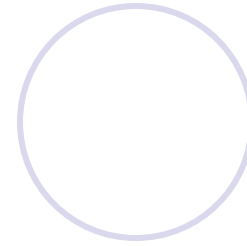surge

rocket

soar

gain

go through the roof

jump

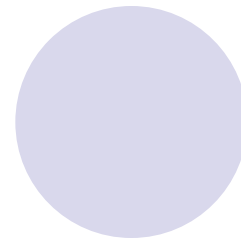rally

strengthen

Stability (verbs)

flatten out
hold steady
level off
stabilise

bounce back
rally
recover

For specifying the degree of change we can use different adjectives

- Slow
- Steady
- Slight
- Sharp
- Gradual
- Degree of change
- Speed of change
- Example text

- Disastrous
- Massive
- Perilous
- Rapid
- Heavy
- Nervous