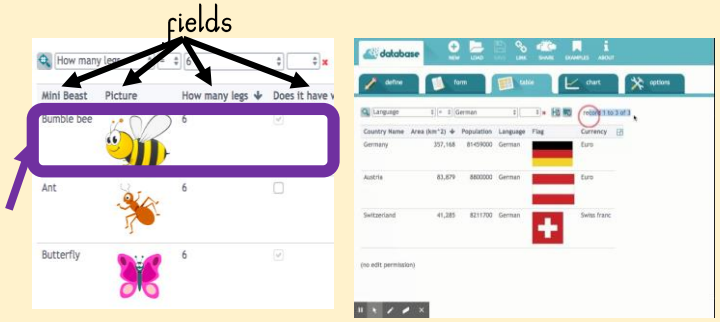
Year 5 – Flat-file Databases

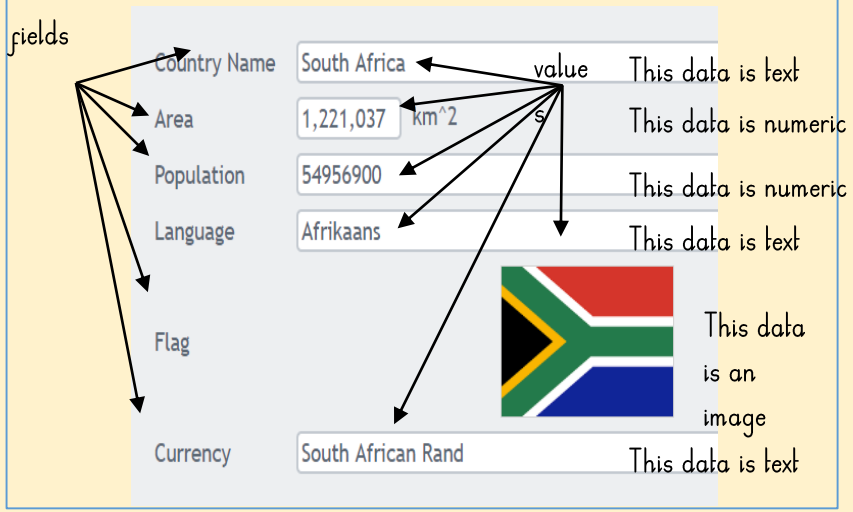
A **database** is a collection of data that is stored in a computer and that can be easily used and added to.

Every item you put into your **database** is called a **record**. Each record will have its own row with all the information you want to store about it.

The columns of the table are called **fields**.

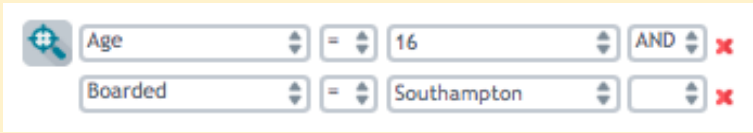
When searching a database the search puts matching records into groups





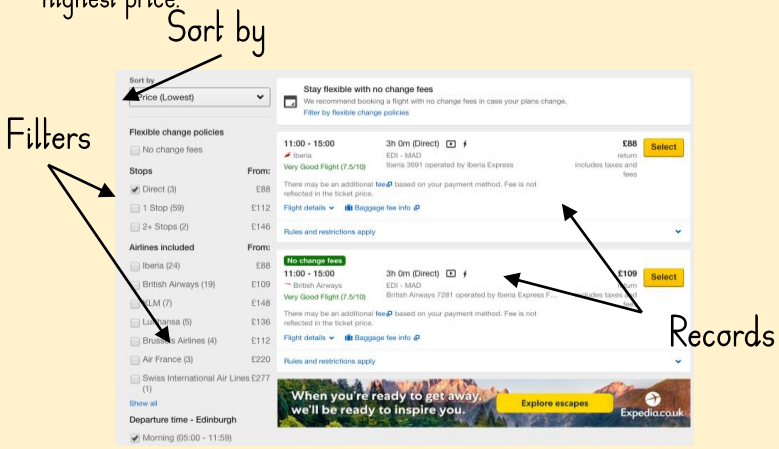
Searches:

- You can narrow a search by using AND in the database. This will show you records where both the fields searched for take place.



- You can also narrow your search by using OR to show the results of more than one field.

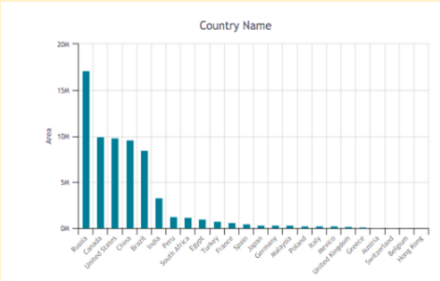
- Real life databases use the same search tools to help you find exactly what you are looking for. This travel website also helps you to sort the records that match your search from the lowest to highest price.



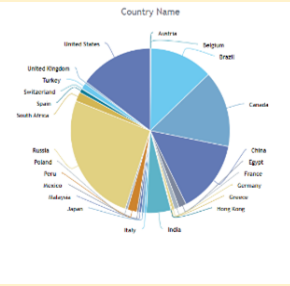
Graphs:

We use graphs to help present information visually.

bar graph



pie chart



You can use the chart tab to create a chart using filters to define the x and y axes. There are many different types of graph and it is important to choose the right one to present your information