

Range Check

(validation check)

Type Check

(validation check)

Format Check

(validation check)

Presence Check

(validation check)

Length Check

(validation check)

Lookup Table

(validation check)

Checks data is **within a certain range**

e.g. age is between 0 and 115

Checks data is a **certain type**

e.g. age is integer, not real.

Checks data is **entered in a certain way**

*e.g. date might be DD/MM/YYYY
postcode might be LLOO OLL*

Checks that data has actually been entered and **not left blank**

e.g. password must not be NULL or empty

Checks the **length of the input** is within a certain amount

e.g. first name must be a maximum of 25 characters.

A table of acceptable entries

e.g. countries of the world might be selectable from a table.