

3. Variables & its types

Def: Variable is a property that can take on many values.

eg age = 15, height = 160.3 cm, weight = 70 kg, gender = male
19, = 175.0 cm, 96 kg, Female.
22, 180.1 cm, 20 kg
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Types:

1) Quantitative variables:

→ Jin ko count kia ja skay (numeric values)

a) Discrete variables:

→ count as a whole number

eg children = 2, bank accounts = 3

b) Continuous variables

→ can be an infinite number

eg height = 160.70 cm

2) Qualitative variable:-

→ Non-numeric values jo kisi characteristic ya category ko define krty hain kisi property ki base py
→ classified/categorize based on some properties.

a) Nominal variable:-

→ Categories main ko represent krta hai. Order ko koi, meaning nahi hota.

eg gender (male, female), Blood group (A, B, C), Furniture (chair, table, sofa).

b) Ordinal Variables:-

Categories main order hota hai. lakin difference nahi measure kia ja skta.

eg low, medium, high.