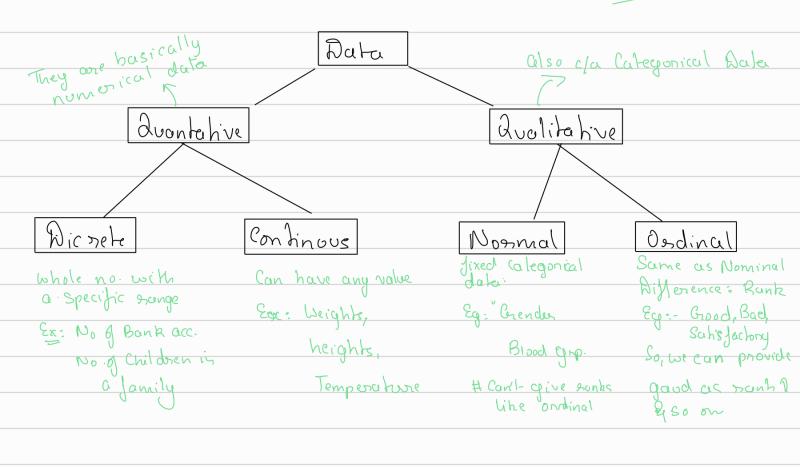
## Types of Data:



Assignment:

214 What Kind of variable "Marital Status" is ? - Calagorical Nominal

824 What kind of variable "Nile Biver length" is ? Quantative

934 What kind of variable "Movie Durahian" is ? Quantative

934 What kind of variable "Movie Durahian" is ? Quantative

Once Durahian Status

Only Define the type of datas for the Pable column given

below:

| DMC           |      | DC   | ISI | BUI  | FWI | Classes  | Region |
|---------------|------|------|-----|------|-----|----------|--------|
| $\rightarrow$ | 3.4  | 7.6  | 1.3 | 3.4  | 0.5 | not fire | 0      |
|               | 4.1  | 7.6  | 1   | 3.9  | 0.4 | not fire | 0      |
|               | 2.5  | 7.1  | 0.3 | 2.7  | 0.1 | not fire | 0      |
|               | 1.3  | 6.9  | 0   | 1.7  | 0   | not fire | 0      |
|               | 3    | 14.2 | 1.2 | 3.9  | 0.5 | not fire | 0      |
|               | 5.8  | 22.2 | 3.1 | 7    | 2.5 | fire     | 0      |
|               | 9.9  | 30.5 | 6.4 | 10.9 | 7.2 | fire     | 0      |
| (:            | 12.1 | 38.3 | 5.6 | 13.5 | 7.1 | fire     | 0      |

avantitative Continuos Varioble Catigorical Nominal Variable

## Scale of Measurement of Data

| In | data | collectio | n sta | ge we | collect | vasities | 6        | data | 80 |
|----|------|-----------|-------|-------|---------|----------|----------|------|----|
|    |      |           | •     |       |         | Scale is | <i>V</i> |      |    |

There are 4 types of Scales of measurement.

- O Nominal Scale Bala
- 2) Ordinal Stale Wala
- 3) Internal Scale Data
- (4) Rotio Scale Data

# we must know in which collection measurement spale the data falls while collecting a data

## 14 Monninul Scale Data:-

- .) type of data involved: Qualitative (Catagorical variable
- \*) Ey: gender, colour, Labels
- ·) Indo does not matter

ex: - 10 ppl asked to choose the Best Colour

"Red" -> 5 ppl ) conclusion p 507. ppl like sod 307. Blath "Black"-> 3 ppl "Blue" - 2 2 pp 2 207. 13 luc

27 Ordinal Scale Date:

Ranking and Inder malters

B.com

Difference can'not be measured

Ex: Qualification Dataset ? Based on ranh Phol 2<sup>st</sup> Rank Masters 2<sup>nd</sup> o difference can't be calculated B. Sc 34d yth

37 Interval Scale Data: Rank and Order makers Differences can be measured Ratios con't be measured Doesn't have 'o' as storting point Ex: Temperature \_ Difference can be measured d=0-(-30) = 30°F 3000 2 -Ration has no significance as; 30°F z 1, it does not mean 60°F 2 that you feel 2 hisice as hot in 60°F than 90F Ratio Scale Hate: -Order and Ronk malters Differences and Radios are mesurable It does have a starting point o? Ex:- Montes 2 2 Person with numbs I J 100 has double (ex) the marks of aparson with manks 50.