1) Nominal scale

Definition: This scale cla

alitative / Categorical data

haracteristics; Data is categorized based on labels, na) Categories are multually exclusive

Gender:

→ M

→ F

iii) No logical order among categories (No Rank)

Colors: Red Blue Green 50% 40% 10%

Types of cuisine

Italian Chinese Mexica

i) Data is categorized and ranked in a specific order ii) The interval between ranks are not necesarily equal Educational levels => Ranks

High School Bachelor Masters 1 2 3

Customer feedback => Ranks

Very Satisfied Satisfied Not Satisfied 2 1 0

ocio Economic status => Ranks

3) Interval scale

Data is ordered with consistant interval between values.
 Allows for meaningful comparison of differences. (Ratio cannot be measured)
 No true zero point (an <u>interval scale</u> of measurement, where the zero on the sc the measured quantity).

Temperature in fahrenheit: (Temperature in ranges) 10 ° F, 20 ° F, 30 ° F => 0° F "No temperature " r Difference 20 - 10 = 10 Difference 20 - 30 = 10

IQ scores
90, 100, 110, 120
IQ = 0 not possible
Difference 100 - 90 = 10
Difference 110 - 100 = 10
Difference 120 - 110 = 10

Calendar years

2024, 2022, 2020 => 0 year not posible Difference 2024 - 2022 = 2 Difference 2022 - 2020 = 2

4) Ratio scale

tudents marks in a class 0, 90, 60, 30, 75, 45

ascendent = 0, 15,30, 45, 60, 75, 90 30 · 15 = 15 45 · 30 = 15 Ratio = 90 / 15 = 6 6 : 1

Assignment:

Length of different rivers in the word?
 Favorite food based on gender?
 Marital Satus?
 IQ Measurement

- 4) 10 Measurement

 The Agent Agency of Measurement

 The Agent Agency of Agency of Measurement

 The Agent Agency of Agency of Measurement

 Description of different rives in the world

 Sole Type East of Sole Type East of Measurement of Measurement