2nd January 2025 (Thursday) →   ⊛ Ankified
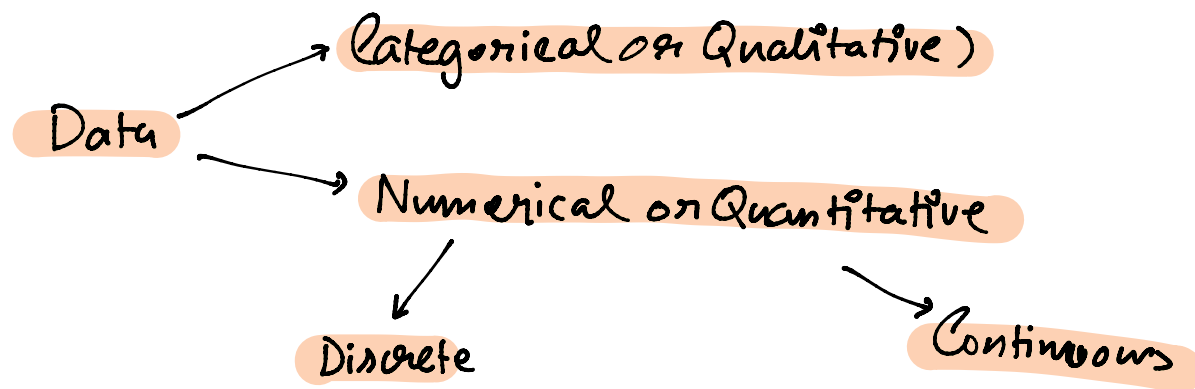
Prerequisite → Probability I

Reference: Goon and Gupta

Evaluation: Midsem = 20%
Internal = 30%
Endsem = 50%

⊛ Descriptive Statistics → Presentation, Summarization (Before midsem)
Inferential Statistics → Analysis, Interpretation (After midsem)

Data
→ (Categorical or Qualitative)
→ Numerical or Quantitative
    ↓ Discrete   ↘ Continuous

⊛ When measurements are done in units where there is no absolute 0
→ Interval Scale

If there is an absolute zero → Ratio Scale

Note: In the interval scale multiplication and division do not make sense,
as the assignment of an arbitrary zero can cause a problem.

⊛ Categorical Data
→ Ordered data (Some inherent order present)
↘ Non-ordered data (Only labels, no inherent data)

⊛ Nominal data: No ordering   ⎫
⊛ Ordinal data: Inherent ordering   ⎬ → Can be represented by a bar graph.