**Types of Data**

1. Qualitative (Categorical, Non-Numeric)
   1. Nominal
   2. Ordinal
2. Quantitative (Numeric)
   1. Discrete
   2. Continuous
      1. Interval Scale
      2. Ratio Scale

**Types of Data analytic**

1. Descriptive Analytics

What happen (After exploring data)

1. Diagnostic Analytics

Why did it happen (Check pattern EDA)

1. Predictive Analytics

What will happen (ML/DL)

1. Prescriptive Analytics

How can we make it happen (Decision /Data Driven)

**Data Science Life Cycle**

1. Acquire Data

Create

Capture

Gather (From diff Resources)

1. Clean (EDA/Data wrangling)

Organize

Filter

Annotate

Clean

1. Use

Analyse

Mining

Model

visualization

Describe

Decide

Act

Drive

1. Publish

Share (Maybe with stakeholders)

Workflow

Portals

Literature

1. Preserve/store