**Handling Categorical Data**

**Categorical data:**

It is a classification of information into distinct groups or categories, lacking a specific numerical value. It refers to a form of information that can be stored and identified based on their names or labels. Categorical Data is a type of qualitative data that is easily measured numerically.

**Type of Categorical Data:**

**Nominal**

* No order /Relationship Between Categories
* EX: Name of States

**Ordinal**

* Order /Relationship Between Categories
* EX: Good, Better, Best

**Handling Categorical Data Techniques:**

1. **Label Encoding**
2. **Ordinal Encoding**
3. **One Hot Encoding**

**1.Label Encoding:**