# **Scenario 1:**

**Survival Time of Pancreatic Cancer Patients in India**

* Null Hypothesis (H0) < 6 Months
* Alternative Hypothesis (H1) > 6 Months

# **Scenario 2:**

**Number of 4-Wheeler Accidents in Pune in a Month due to Stray Animals on Road**

* Null Hypothesis (H0) = 200
* Alternative Hypothesis (H1) ≠ 200

# **Scenario 3:**

**Sale of Nestle Maggi- Atta Variant in Mumbai City in a Month**

* Null Hypothesis (H0) = 20000 Units
* Alternative Hypothesis (H1) ≠ 20000 Units

# **Scenario 4:**

**Number of COVID Patients in Delhi in July Month**

* Null Hypothesis (H0) > 15,000
* Alternative Hypothesis (H1) < 15,000

# **Scenario 5:**

**Number of Students Taking Physics in First Year of Degree College (Govt Colleges) in Bangalore City**

* Null Hypothesis (H0) = 2500
* Alternative Hypothesis (H1) ≠ 2500

# **Scenario 6:**

**Number of Dual Band Routers Sold in a Month in Ahmedabad**

* Null Hypothesis (H0) = 20000 Units
* Alternative Hypothesis (H1) ≠ 20000 Units

# **Scenario 7:**

**Survival Time of Common Flu Virus in the Patients of Age Group 3-10 Years**

* Null Hypothesis (H0) < 3 Days
* Alternative Hypothesis (H1) > 3 Days

# **Scenario 8:**

**Number of 2-Wheeler Insurance done for a duration of 3 Years in Pune in a Month**

* Null Hypothesis (H0) = 1400
* Alternative Hypothesis (H1) ≠ 1400

# **Scenario 9:**

**Sale of Snickers-Almond Variant in Mumbai City in a Month**

* Null Hypothesis (H0) = 20000 Units
* Alternative Hypothesis (H1) ≠ 20000 Units

# **Scenario 10:**

**Number of People buying Lays Chips if they buy Thumbs Up in a Month in Chennai**

* Null Hypothesis (H0) = 20000 Units
* Alternative Hypothesis (H1) ≠ 20000 Units