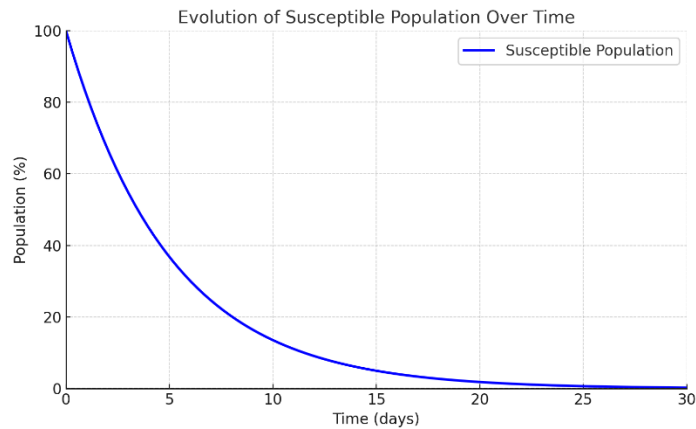


Lesson : Analyzing a Scientific Graph

Here is a simple graph :



Guiding Questions for Description:

1. Basic Observation:

What does the graph represent?

- *"The graph shows the percentage of susceptible individuals over time." Or "This curve indicates the susceptible population evolution over time".*

2. Axis Descriptions:

What does the X-axis represent?

- **" X-axis values range from 0 to 30 days. It represents time in days."**

What does the Y-axis represent?

- ***" Y-axis values range from 100% down to 0%. It represents the percentage of susceptible individuals."***

3. Curve Analysis:

How does the population of susceptibles change over time?

- ***"It decreases rapidly at first and then stabilizes." Or "A rapid decrease followed by stabilization"***

4. Interpretation:

What might explain the rapid decrease in the susceptible population?

- ***"This could be due to an infection spreading quickly among the population."***

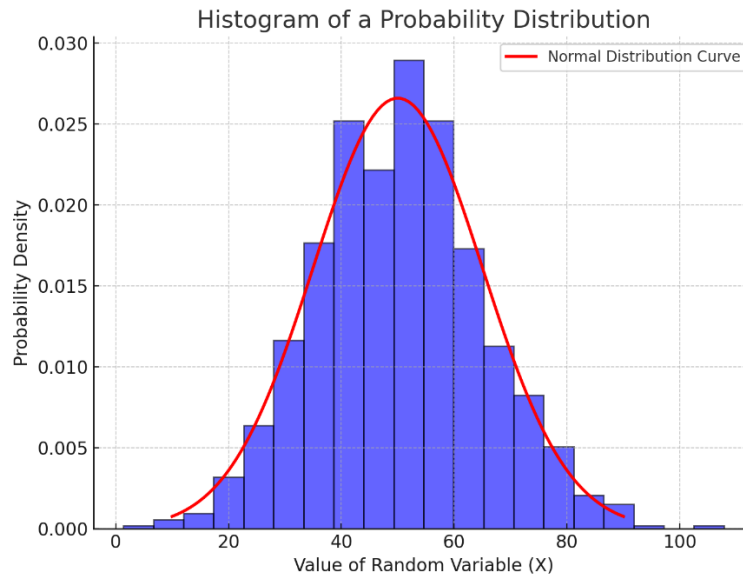
5. Summary:

Can you summarize the main trends in one paragraph ?

- ***The graph illustrates a sharp decline in the susceptible population during the first 15 days, dropping from 100% to approximately 10%, followed by a stabilization phase. In the subsequent days, up to day 30, the population remains below 10%.***

Tutorial: Analyzing a Probability-Statistics Graph

Here is a probability-statistics graph:



Guiding Questions for Description:

1. Basic Observation:

- What does the graph represent?

2. Axis Descriptions:

- What does the X-axis represent?
- What does the Y-axis represent?

3. Curve or Histogram Analysis:

- How is the probability distributed?

4. Interpretation:

- What does the shape of the graph tell us about the dataset?

5. Summary:

- Can you summarize the main trends in one sentence?