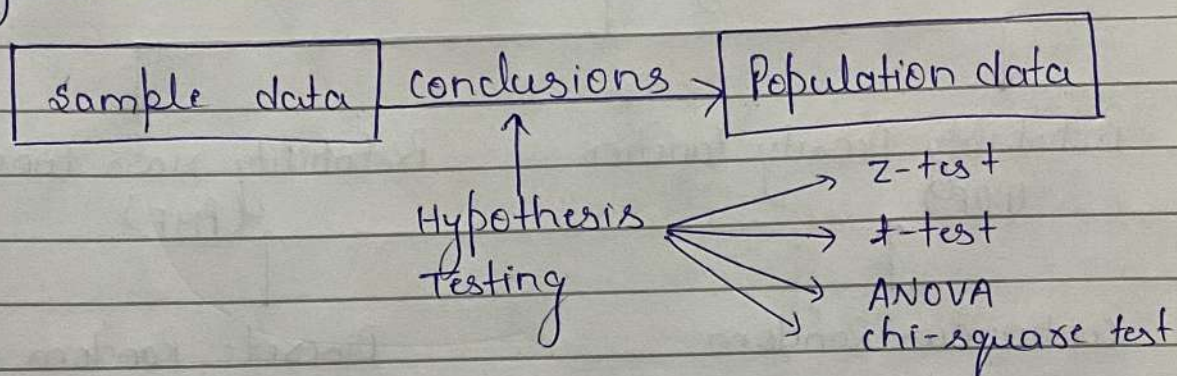


# Hypothesis Testing

→ Hypothesis Testing is a form of statistical inference that uses data from a sample to draw conclusions about a population parameter or a population probability distribution.

## Inferential Statistics

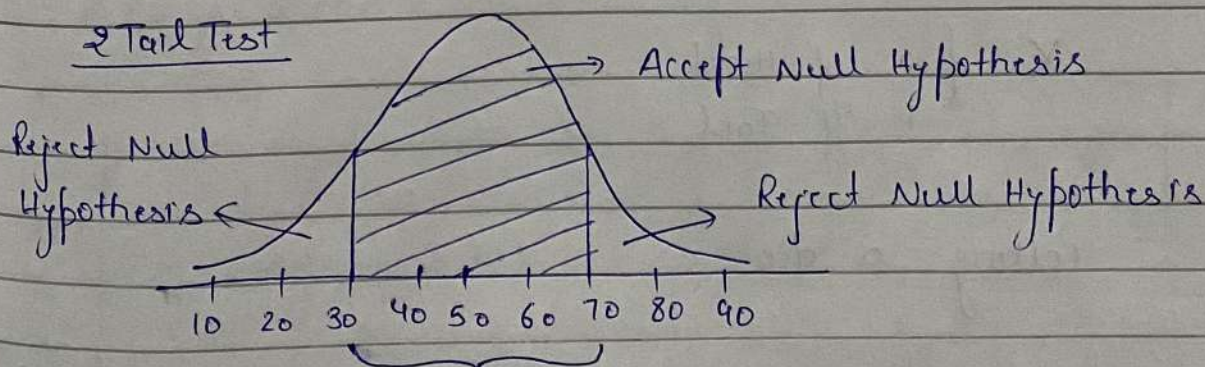


→ Steps of Hypothesis Testing:

coin is fair or not?

- ① Null Hypothesis ( $H_0$ ): coin is fair
- ② Alternate Hypothesis ( $H_1$ ): coin is not fair
- ③ Experiment: Tossing a coin 100 times

### 2 Tail Test



confidence Interval → {Domain Expect}