= 98 is the Probability for the Null Hypothuses to be true

A P-value less than ooos (typically 50.05) H Stututically. It indicates strong evidence against the null typothes M, as there is less than 5% Probability that the nall value is correct (and the Results are random). There fore we Reject the Null Hypotheis of Accept the Altermative Hypotheim.

Chi-Square test

\* Chi-Square test claims about Population Proportion.

It is mon Pargoneter test which are Performed whom categorical Data 1. NOMINAL 2. ODINAL

$$\mathcal{L} = \left\{ \frac{\left| F_o - F_e \right|^2}{F_e} \right\}$$

to = Obeservation value Fe = Actual expected value

## Analysis of variance Fitest Amora -

# For comparision of more than two Population or Population having more than two sub Groups. We use I Amora technique

& Statistical Pechnique developed to Study fignificance of difference of mean of 2 or more than 2 Samples.

(NA) variation blw sample

Degree of Freedown I for demominator 2 1 For Numerator

Technique of Amora 1. One way Amora 2. Two way Amora

Day a Biggogiaf Distribution, the Probably Leftered of goment second of the doone for "tout trails we investigated

for example, the Parishlity of Lowerland 15 of 1000 good Will 5-0 71 logo

in Enterological inc compared o

## Bernoulli Distribution

The outcomes of this DID for button cist Bimbrys.com proved postalogor re sexistent Jeron No see son delvord 100-128 OF 1001019 Op Supported 1001411018 Practical Example

Meads or test mother (and)

Character Par = 10°5 pob 9= P(r) = 0;5 Pz I-9 Qz I-P

It Most of the classification Problems are Bernoulli Distribution.

& Two way Amora Bimomial Distribution

39 a Bimornief Distribution, the Probability of getting a success must remain the same for the trails we investigating. For example, the Probability of tassing a coin is 0.5 H/P for every trail or experiment we conduct.

