> Confusion matrix in hypothesis testing Actual values

Predicted values					
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(M) ROKES I SARI	(1-a)	H _o			
CI-B)	(A)	Ha			

wrong descission

correct descission

- @ Confidence (1-0=cI) is probability af accepting True Null Hypothesis
- @ Power at Test (1-B) is probability of
- · Type I essor occurs when we seject rejecting False Null Hypothesis. (a) trup Null Hypothosis.
- Type II roxes occurs when we accept False Null Hypothesis.

confidence or Power of Test

- -> Point Estimate (PE)
- . The value of any statistics that estimates the value of a parameter
- . It is basically test statistic(t)

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statistice - Z---> W · ex- Sample mean (50) can be used to estimate population mean (4). --> pasameter deviation propue dation

· Based on distribution Hypothesis testing can to find to acceptance or rejection be perhormed at various ends of distribution -> One Tail → Right Tailed -> Left Tailed

-> Two tailed

> Test statistics

Chi-Square Test	F-Test	T- Test	2-705+	Hypothesis Test
chi-square statistic.	F-statistic	J-508P	Z-5(0xp	Test statistics

- · Z, T test are done on normally distributed data.
- Chi-square test done on chi-squared distributed data
- Annova test is vasiation at F-test F-Test done on of distributed data