Type-I and Type-II error

* Type-I error: - is the rejection of the null hypothers

when it is actually True.

Example > An innocent person is convicted.

* Type-II error: - is the fairlure to reject the null hypothems

that is actually False.

Example: - A guilty person may not be convicted.

True Nature of hypotheris (Actual)

The reason based on	•	Ho is frue	HA is true
of your Sample	Support	Correct	Type. I
of test being (conclusion) wrong as your	Ho	conclusion	Croor.
are faking sample and sample Can be brased.	HW Zmpperf	TypeI	Corret Conclusion

Actual -> Null hypotheris true or Null hypotheris is False.

Decision -> Null hypotheris true or Null hypotheris is False.

Based on -> Null hypotheris true or Null hypotheris is False.

Jours analysis/

Conclusion

Reject the Null hypotheris, when a tually Scenar 10-I: Rejet the Null hypotheris when actually Scenario-II . Retain the Null hypothesis when actually it is false. -> Type-II error. <u>Scenanio. II</u> . Refain the Null hypothesis when actually Scenanio IV. il is True. > Good of a freson has committed a crime,

(Ajay) he is taken to the court, where

to > A person by oule he is Innocent until

fromen guilty. Example > Seenario! > An innocent ferson has been charged for a crime, and in the court he is convicted > Type I error. Stenanio-2 > A guilty berson has been charged, lut court didn't find him guity. -> Type I error.