Sri Lanka Institute of Information

Technology



Lab Submission

1

**IT24102538**

**Sithum sanjana L.G**

**PS | IT2120**

B.Sc. (Hons) in Information Technology

* Null hypothesis H0:μ=46H\_0: \mu = 46H0​:μ=46
* Alternative hypothesis H1:μ<46H\_1: \mu < 46H1​:μ<46
* Significance level α=0.05\alpha = 0.05α=0.05
* If **p-value < 0.05**, we **reject H₀**, meaning the average baking time is **significantly less than 46 minutes**.
* If **p-value > 0.05**, we **fail to reject H₀**, meaning there is **no sufficient evidence** to say the baking time is less than 46 minutes.

