



M2: Or awage, non-finance majors sleep 1 hours less than finance majors

All of these are 2 - sample hypothesis.

Data needed should look like this:

	# hours	Moyors
	8	FinanG
	lo	Non-F
	6	F
	٦	F
	Ţ	Por - F
	:	
		:
		;
7		•

Assignment 8

(1) H ₁ :	Dr average	the number	of hours female stay	<i>;</i>
			number of yours make	
	dailt.			

11. The average number of hars limbe study daily

Me: _____ make study daily.

7 M2: 11 # 1/2

양 :

H1: 11-12 # 0

(The difference Setween N, and Ne is not zero)

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$ Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

Null hypothesis H_0 : $\mu_1 - \mu_2 = 0$ Alternative hypothesis H_1 : $\mu_1 - \mu_2 \neq 0$ T-Value DF P-Value 6.37 386 0.000 P- value < .05 => The data support Hy. There is some differers between study tim of mall and femall. 2) Hz: On average, the number of hours female students Study is greater than the number of hours made student e: H1: 117 1/2 ok: Hy: 14-1270 H_0 : $\mu_1 - \mu_2 = 0$ Null hypothesis Alternative hypothesis H_1 : $\mu_1 - \mu_2 > 0$ T-Value DF P-Value 6.37 386 0.000 P-value (.05 =) The date support Hz. This means fende students study longer hours than make students. 3 Test if the students who have access to Internet at home have a higher final grade than those who do not. μ_1 : population mean of final_grade when internet = no μ₂: population mean of final_grade when internet = yes Null hypothesis H_0 : $\mu_1 - \mu_2 = 0$ Alternative hypothesis H_1 : $\mu_1 - \mu_2 < 0$ T-Value DF P-Value -1.99 94 0.025

Null hypothesis H_0 : $\mu_1 - \mu_2 = 0$ Alternative hypothesis H_1 : $\mu_1 - \mu_2 < 0$ T-Value DF P-Value -1.99 94 0.025 p-value < .05 => H, is supported. Those who have In types access have higher final grade.