P-Value

1) More than 30% of closs of zors major in Firance 1 = .3 (less than or equal to 30%) (H1: P7.3 (nove than 30%)

edlect dota: There one 2 ways to present the data 2

	Major in Firence	NUM SA	04	Sked	skedents:	
IP	405	Firora				
2	415					
3	ho					
4	445					
4 5	No.					
1						
35	715					

P-value is the probability that the data exists if Ho is true (3)

If p. value is 0

=) If to is true, the probability the dota exists is O.

or there is NO chara for see the data.

But The data DOES exist. You do see the data. This means Ho is Not True - The opposite of Ho is True. =) [H, is True | The organist: 1) [P-value = 0]: If Ho is true, the impossible hoppors a Ho should not be True =) Hi is True © p-value is extremely small (p < .05) Is Ho is true, then Gloss Certain Bat you will the differer data He should not be true -) Hi should be true up The data supports Hi 3 p. valle is not < 11 (p 7.05) If Ho is true, there is a good change the dute evision.

Ho may be true or no.

=) HI may & the at 10.

=) We found no evidence to support H, OE

the data does not support your hypothecis, H1

Example

P-Value

P-value: The probability that "the data" exists if the null hypothesis is True