Nithish-G

CHI - Square GoodNESS OF FIT Test:

Suppose We wish to test the null

Supposhesis that know weensch gives equal

numbers of A's, B's, C's, D's and F's as

final geader in his undergraduate

Statisfice classes the deserved frequences

are: A: 6, B: 24, C: 50, D:10, F=10.

The data are entered in the BPS like

this:

Dosta view:-

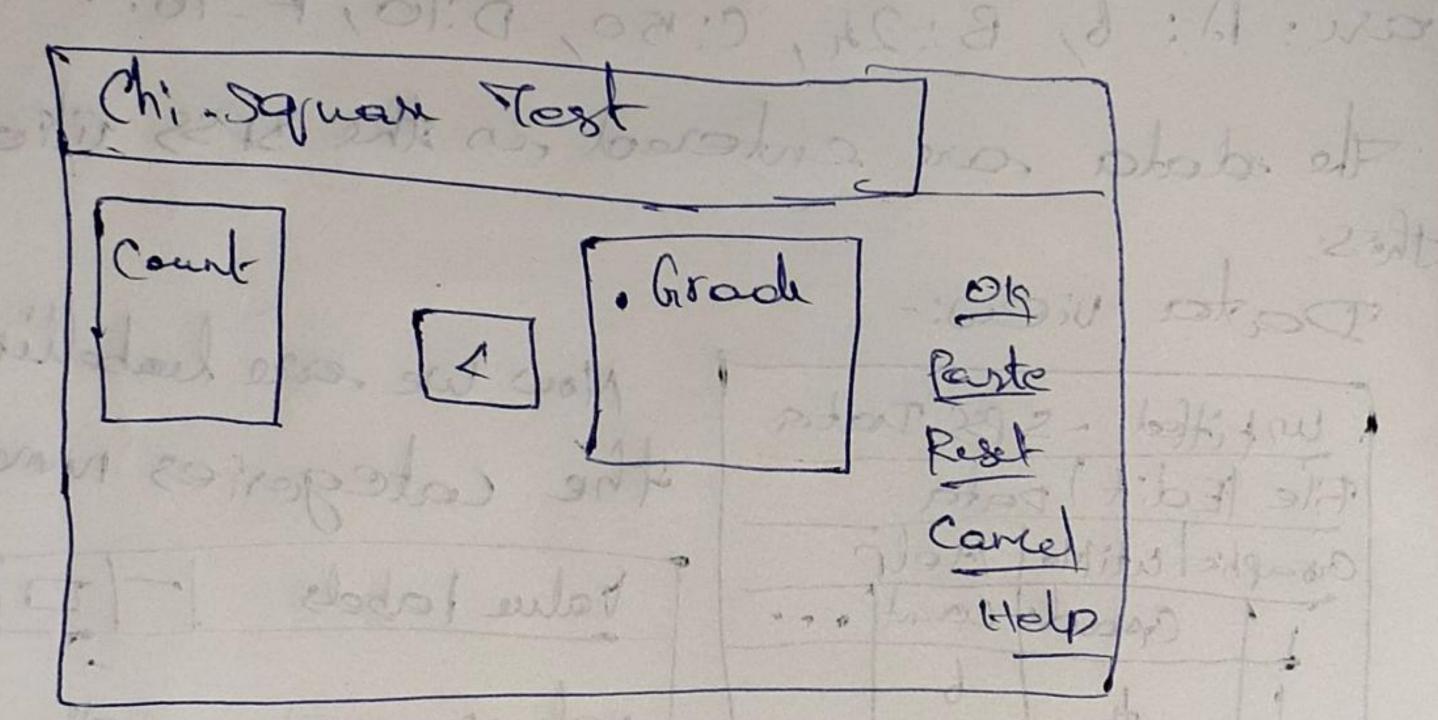
untitled - SPS Data						
	File FEdit I pata					
Croap	Croaphic atilio 1 Help					
17	Goode	Count				
1	1,	6				
2	3	24				
3	2	50	7			
4	1 1	10				
5	1 0 4	10				
_			-			

Now we was habilities
the categories runerally
Value labols 1-12
value:
Value labd: cancel
0 - Francis
1-D 4-1
2-c 3-B
1 20 1 90 131

Non-parametrictest

Chi-square test

Now, we we all categories and will test the hypothesis that the counts are in the population, uniformly distributed across categories.



we get the ocutputous,

-	an eroa.					
	observedN	Expeded N	Residual			
F	10	20.0	-10.0			
D	10	20.0	-10.0			
C	50	20.0	30.0			
B	21	20.0	1.0			
A	6	20.0	14.0			
total	t00.					

Test &	tatistics
	Proide
Thi-89 mare	65.600
df	4
Asymp. sig	.000

a. ocalls (.01.) have expected frequencies less than 5. The minimum expected cell frequency is 20.0

We reject the hypothesis that the countre we writernly distributed across the categories, at (4, N=100): 65.60 PL.001.