	classmate	
	Date Page	
21112121		
	FORMULA	
11	Anova:	_
	abwit = N-K	_
	i lad i la dato sa	_
	dbbet = K-1	
		_
	df tot = N-1	
		_
	SSLOT = Extot - (Extot)2	
	N. T. C. S. C. C.	_
		_
	SSunt = 5 5x62 - (5x802)	_
	N t	
	- 2 bolous is to	_
	$= 5x_1^2 - (5x_1)^2 + 5x_2^2 - (5x_2)^2 + \cdots$	_
	nı n2 : 11	
	() no find ?	_
	SSBOL = 5 (5xt)2 5xtot	
	NE - N	_
	(Cont lat)	
	= (5x1) 2 (5x2) 2 + 5xtob	
	top: No operation to love N marking to	
	Mean Square	
	Constitute of Swimmony 14	
	Msbet : SSbot Source ss of MS F P	_
	olf below 1 (0.5	-
	at Beta	_
	Ms within a Schitt	
	Mis within 2 Daily djuithi.	_
	(180 - 0012) 1 + 0 to 100 (12 1)	_

F-Statistic

F - MSbat Mswit

* chi - square Test? df = K-1 tion in (60-6e)2) x2 obt =

Kruskal:-- 3 CN+1) H= 12 (N(N+1) \$ / . * > 1 / * > 1 : confidence level on one sample titest * LL = M - t(SM) UL = M + t(SM) Sm = \[\langle \sigma_{n-1} \sigma_{n} \sigma_{n} \frac{3}{Vn} \] Two-Sample t-test: LL= M1-M2 - + (SM1-M2) UL = M1 - M2 + + (SM1 - M2)

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	$S_{M1}-M2 = \left(\frac{S_{31}+S_{52}}{n_{1}+n_{2}-2}\right)\left(\frac{1}{n_{1}}+\frac{1}{n_{2}}\right)$
	84
*	Mann - Whitney U Test:
	$U_1 = N_1N_2 + N_1(N_1+1) - T_1$
	U2 = NIN2 + N2 (N2+1) - T2
	Simple Linear Regression
	Y = Bo + BIX Bo - Slope
	B1 - Intercept
	x ⇒ mean of x
	y =) mean of y
	$B_1 = \frac{1}{2}(x - \bar{x})(y - \bar{y})$ $\frac{1}{2}(x - \bar{x})^2$
	Residual => ei = yi-yi