## SUPER

M 54.6 M 38.6 M 38.6 M 38.6 M 34.6 Mean 52.9133 44.2333 M 42.9 Variance 233.1290 190.1758 M 42.9 Variance 233.1290 190.1758 M 57.5 M 54.4 F 1.2259 M 52.4 M 52.5 M 52.1 M	Sex	Income			
M         38.6         Male         Female           M         34.6         Mean         52.9133         44.2333           M         42.9         Variance         233.1290         190.1758           M         67.5         Observations         60.0000         60.0000           M         79.8         df         59.0000         59.0000           M         54.4         F         1.2259           M         67.3         P(F<=) one-tail	M	40.6	E Toot Two Sample for Variances		
M         58.2 M         Male         Female           M         34.6 Mean         52.9133         44.2333           M         42.9 Variance         233.1290         190.1758           M         67.5 Observations         60.0000         60.0000           M         79.8 df         59.0000         59.0000           M         54.4 F         1.2259           M         66.4 F         1.2259           M         66.4 F         F Critical one-tail         0.2182           M         69.0         F Critical one-tail         1.5400           M         69.0         Meson         68.4 F         F Critical one-tail         1.5400           M         69.0         Meson         68.2         Meson         68.2           M         72.6 F         F Critical one-tail         1.5400         Meson         68.2           M         72.6 F         F Critical one-tail         2.0465         Meson         68.2           M         72.5 F         The F value should always be used along with the p value in deciding whether your results are significant enough to reject the null hypothesis         1.259         Meson         7.250         Meson         6.21         Meson         6.21         Meson			r-Test Two-Sample for Variances		
M       34.6       Mean       52,9133       44,2332         M       42.9       Variance       233,1290       190,1758         M       67.5       Observations       60,0000       60,0000         M       79.8       df       59,0000       59,0000         M       78.4       F       1,2259         M       47.3       P(F<=f) one-tail			-	Mala	Eomolo
M       42.9       Variance       233.1290       190.1758         M       67.5       Observations       60.0000       60.0000         M       54.4       F       1.2259         M       47.3       P(F<=f) one-tail			Maan		
M         67.5         Observations         60.0000         60.0000           M         79.4         F         1.2259           M         47.3         P(F<=f) one-tail					
M         79.8         df         59.0000         59.0000           M         54.4         F         1.2259           M         47.3         P(F<=f) one-tail					
M       54.4 M       F P(F<=f) one-tail P(F<=f) one-tail P(F<=f) one-tail					
M       47.3       P(F<=f) one-tail					59.0000
M       66.4       F Critical one-tail       1.5400         M       69.0       69.0         M       62.0       two-tailed P-value         M       72.6       (F<=f) one-tail * 2 or *P(>=F)*       0.4365         M       52.4       The F value should always be used along with the p value in deciding whether your results are significant enough to reject the null hypothesis.         M       59.1       null hypothesis.         M       59.1       F < F-Critical, therefore do not reject the null hypothesis		-	•		
M       69.0         M       62.0         M       52.5       two-tailed P-value         M       72.6       (F<=f) one-tail * 2 or "P(>=F)"       0.4365         M       52.4       The F value should always be used along with the p value in deciding whether your results are significant enough to reject the null hypothesis.         M       59.5       null hypothesis.         M       59.1       F < F-Critical, therefore do not reject the null hypothesis			· · · · ·		
M         62.0           M         52.5         two-tailed P-value           M         72.6         (F<=f) one-tail * 2 or "P(>=F)"         0.4365           M         52.4         The F value should always be used along with the p value in deciding whether your results are significant enough to reject the null hypothesis.           M         59.5         null hypothesis.           M         59.1         F < F-Critical, therefore do not reject the null hypothesis			r Chilcai One-tali	1.5400	
M         52.5         two-tailed P-value         (F<=f) one-tail * 2 or *P(>=F)*         0.4365           M         52.4         The F value should always be used along with the p value in deciding whether your results are significant enough to reject the null hypothesis.           M         59.5         null hypothesis.           M         59.1         I compare F (1.2259) with F-Critical (1.54)           M         54.6         F < F-Critical, therefore do not reject the null hypothesis					
M         72.6         (F<=f) one-tail * 2 or "P(>=F)"         0.4365           M         52.4         The F value should always be used along with the p value in deciding whether your results are significant enough to reject the null hypothesis.           M         59.5         I compare F (1.2259) with F-Critical (1.54)           M         59.1         F < F-Critical, therefore do not reject the null hypothesis			two tailed Divalve		
M         52.4           M         59.5           M         59.1           M         36.7           M         59.1           M         36.7           I compare F (1.2259) with F-Critical (1.54)           F < F-Critical, therefore do not reject the null hypothesis				0.4005	
The F value should always be used along with the p value in deciding whether your results are significant enough to reject the null hypothesis.           M         59.5           M         59.1           M         36.7         I compare F (1.2259) with F-Critical (1.54)           M         54.6         F < F-Critical, therefore do not reject the null hypothesis			(F<=f) one-tall " 2 or "P(>=F)"	0.4365	
deciding whether your results are significant enough to reject the null hypothesis.   M   59.5	IVI	52.4			
M       59.1         M       36.7       I compare F (1.2259) with F-Critical (1.54)         M       54.6       F < F-Critical, therefore do not reject the null hypothesis         M       52.1         M       49.9       all F calculations in Excel are for right tail tests of hypothesis         M       52.0         M       47.1       P-value < 0.05?       No         M       40.8       Therefore, it means that the idependent variables do not fit the data.         M       36.5         M       57.1         M       54.1       F inside rejection zone?       No         M       32.4       Rejection zone is F > 1.674         M       34.9       1.674 calculated from F-distribution table with df=59         M       54.0       What does this mean?         Do not reject the null hypothesis.         M       50.8       H0: Mean income for males exceeds females         Outcome:       Yes         M       39.2         M       45.2         M       30.9         M       31.0         M       32.1         M       33.9         M       31.3         M       58.3	М	59.5	deciding whether your results are s	-	
M         54.6         F < F-Critical, therefore do not reject the null hypothesis	М				
M         54.6         F < F-Critical, therefore do not reject the null hypothesis	М	36.7	I compare F (1.2259) with F-Critica	l (1.54)	
M       52.1         M       49.9       all F calculations in Excel are for right tail tests of hypothesis         M       52.0         M       47.1       P-value < 0.05?	М	54.6	· · · · · · ·	, ,	hesis
M       49.9       all F calculations in Excel are for right tail tests of hypothesis         M       52.0         M       47.1       P-value < 0.05?	М		,	, ,,	
M       52.0         M       47.1       P-value < 0.05?	М	49.9	all F calculations in Excel are for rig	ght tail tests of hy	oothesis
M       40.8       Therefore, it means that the idependent variables do not fit the data.         M       36.5         M       57.1         M       54.1       F inside rejection zone? No         M       32.4       Rejection zone is F > 1.674         M       34.9       1.674 calculated from F-distribution table with df=59         M       64.1         M       54.0       What does this mean?         Do not reject the null hypothesis.         M       50.8       H0: Mean income for males exceeds females         M       45.1       Outcome: Yes         M       39.2         M       45.2         M       80.9         M       48.6         M       31.0         M       32.1         M       33.9         M       31.3         M       51.0         M       58.3         M       31.4         M       56.3         M       41.0	М	52.0		,	
M       36.5         M       57.1         M       54.1       F inside rejection zone?       No         M       32.4       Rejection zone is F > 1.674         M       34.9       1.674 calculated from F-distribution table with df=59         M       64.1         M       54.0       What does this mean?         Do not reject the null hypothesis.         M       50.8       H0: Mean income for males exceeds females         M       45.1       Outcome:       Yes         M       31.5         M       70.4         M       39.2         M       45.2         M       80.9         M       48.6         M       31.0         M       32.1         M       31.3         M       51.0         M       58.3         M       31.4         M       56.3         M       41.0	М		P-value < 0.05?	No	
M       36.5         M       57.1         M       54.1       F inside rejection zone?       No         M       32.4       Rejection zone is F > 1.674         M       34.9       1.674 calculated from F-distribution table with df=59         M       64.1         M       54.0       What does this mean?         Do not reject the null hypothesis.         M       50.8       H0: Mean income for males exceeds females         M       45.1       Outcome:       Yes         M       31.5         M       70.4         M       39.2         M       45.2         M       80.9         M       48.6         M       31.0         M       32.1         M       31.3         M       51.0         M       58.3         M       31.4         M       56.3         M       41.0	М	40.8	Therefore, it means that the idepen	ndent variables do	not fit the data.
M       57.1         M       54.1       F inside rejection zone?       No         M       32.4       Rejection zone is F > 1.674         M       34.9       1.674 calculated from F-distribution table with df=59         M       64.1         M       54.0       What does this mean?         M       51.5       Do not reject the null hypothesis.         M       50.8       H0: Mean income for males exceeds females         M       45.1       Outcome:       Yes         M       39.2         M       45.2         M       80.9         M       48.6         M       31.0         M       32.1         M       33.9         M       31.3         M       58.3         M       31.4         M       56.3         M       41.0	М				
M       54.1       F inside rejection zone?       No         M       32.4       Rejection zone is F > 1.674         M       34.9       1.674 calculated from F-distribution table with df=59         M       64.1         M       54.0       What does this mean?         M       51.5       Do not reject the null hypothesis.         M       50.8       H0: Mean income for males exceeds females         M       45.1       Outcome:       Yes         M       39.2         M       45.2         M       80.9         M       48.6         M       31.0         M       32.1         M       31.3         M       51.0         M       58.3         M       31.4         M       56.3         M       41.0					
M       32.4       Rejection zone is F > 1.674         M       34.9       1.674 calculated from F-distribution table with df=59         M       64.1         M       54.0       What does this mean?         M       51.5       Do not reject the null hypothesis.         M       50.8       H0: Mean income for males exceeds females         M       45.1       Outcome:       Yes         M       81.5         M       70.4       Yes         M       39.2         M       45.2         M       80.9         M       48.6         M       31.0         M       33.3         M       51.0         M       58.3         M       31.4         M       56.3         M       41.0			F inside rejection zone?	No	
M       34.9       1.674 calculated from F-distribution table with df=59         M       64.1         M       54.0       What does this mean?         M       51.5       Do not reject the null hypothesis.         M       50.8       H0: Mean income for males exceeds females         M       45.1       Outcome:       Yes         M       81.5         M       70.4       Yes         M       39.2         M       45.2       Yes         M       80.9         M       48.6         M       31.0         M       32.1         M       31.3         M       51.0         M       58.3         M       31.4         M       56.3         M       41.0					
M       64.1         M       54.0       What does this mean?         M       51.5       Do not reject the null hypothesis.         M       50.8       H0: Mean income for males exceeds females         M       45.1       Outcome:       Yes         M       81.5         M       70.4       Yes         M       39.2         M       45.2         M       80.9         M       48.6         M       31.0         M       32.1         M       33.9         M       31.3         M       51.0         M       58.3         M       31.4         M       56.3         M       41.0			-	table with df=59	
M       54.0       What does this mean?         M       51.5       Do not reject the null hypothesis.         M       50.8       H0: Mean income for males exceeds females         M       45.1       Outcome: Yes         M       70.4         M       39.2         M       45.2         M       80.9         M       48.6         M       31.0         M       32.1         M       33.9         M       31.3         M       51.0         M       53.4         M       58.3         M       31.4         M       56.3         M       41.0					
M       51.5       Do not reject the null hypothesis.         M       50.8       H0: Mean income for males exceeds females         M       45.1       Outcome:       Yes         M       81.5       Yes         M       70.4       Yes         M       39.2       Yes         M       45.2       Yes         M       80.9       Yes         M       48.6       Yes         M       31.0       Yes         M       33.9       Yes         M       31.3       Yes         M       51.0       Yes         M       58.3       Yes         M       31.4       Yes         M       56.3       Yes         M       41.0		_	What does this mean?		
M 50.8 H0: Mean income for males exceeds females M 45.1 Outcome: Yes M 81.5 M 70.4 M 39.2 M 45.2 M 80.9 M 48.6 M 31.0 M 32.1 M 33.9 M 31.3 M 51.0 M 53.4 M 58.3 M 31.4 M 56.3 M 41.0			Do not reject the null hypothesis		
M 45.1 Outcome: Yes M 81.5 M 70.4 M 39.2 M 45.2 M 80.9 M 48.6 M 31.0 M 32.1 M 33.9 M 31.3 M 51.0 M 53.4 M 56.3 M 31.4 M 56.3 M 41.0			•	da famalaa	
M 81.5 M 70.4 M 39.2 M 45.2 M 80.9 M 48.6 M 31.0 M 32.1 M 33.9 M 31.3 M 51.0 M 53.4 M 58.3 M 51.0 M 58.3 M 41.0					
M 70.4 M 39.2 M 45.2 M 80.9 M 48.6 M 31.0 M 32.1 M 33.9 M 31.3 M 51.0 M 53.4 M 58.3 M 54.0 M 56.3 M 41.0			Outcome:	Yes	
M 39.2 M 45.2 M 80.9 M 48.6 M 31.0 M 32.1 M 33.9 M 31.3 M 51.0 M 53.4 M 58.3 M 56.3 M 41.0					
M 45.2 M 80.9 M 48.6 M 31.0 M 32.1 M 33.9 M 31.3 M 51.0 M 53.4 M 58.3 M 56.3 M 41.0					
M 80.9 M 48.6 M 31.0 M 32.1 M 33.9 M 31.3 M 51.0 M 53.4 M 58.3 M 31.4 M 56.3 M 41.0					
M 48.6 M 31.0 M 32.1 M 33.9 M 31.3 M 51.0 M 53.4 M 58.3 M 31.4 M 56.3 M 41.0					
M 31.0 M 32.1 M 33.9 M 31.3 M 51.0 M 53.4 M 58.3 M 31.4 M 56.3 M 41.0					
M 32.1 M 33.9 M 31.3 M 51.0 M 53.4 M 58.3 M 31.4 M 56.3 M 41.0					
M 33.9 M 31.3 M 51.0 M 53.4 M 58.3 M 31.4 M 56.3 M 41.0					
M 31.3 M 51.0 M 53.4 M 58.3 M 31.4 M 56.3 M 41.0					
M 51.0 M 53.4 M 58.3 M 31.4 M 56.3 M 41.0					
M 53.4 M 58.3 M 31.4 M 56.3 M 41.0					
M 58.3 M 31.4 M 56.3 M 41.0					
M 31.4 M 56.3 M 41.0					
M 56.3 M 41.0	M	58.3			
M 41.0	M				
M 47.9					
	М	47.9			

M M M M M M M M	51.4 33.1 74.9 77.2 57.9 80.1 40.2 100.9 33.1
F	35.8 68.8
F F	31.6
F	38.2
F	42.0
F F	33.4 50.3
F	39.6
F	30.7
F	31.3
F F	61.3 30.0
F	38.1
F	56.4
F	35.7
F F	31.3 40.4
F	32.1
F	66.4
F	36.9
F F	35.9 49.6
F	62.8
F	44.6
F	32.5
F F	33.4 55.3
F	62.7
F	54.4
F	30.8 49.1
F F	49.1
F	32.5
F	35.2
F F	47.4 60.7
r F	33.0
F	43.3
F	34.8
F F	36.0 51.6
F	31.9
F	34.1
F	78.4
F F	30.4 45.3

## SUPER

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F	52.6
F	30.3
F	36.6
F	53.1
F	36.5
F	37.8
F	34.0
F	69.3
F	77.2
F	32.6
F	82.9
F	42.3
F	57.8