Contribution of Variable x1 Source df SS MS F p	Question 1 Source df Regression Error Total	SS 2 18 20	MS 65 32. 134 7.44444 199	F p 5 4.365672 4	0.02846	SSR(x1) SSR(x2)	SS 39 18
Source df	Contribution of Va	riahla v1					
Regression 2 65			MS	C r	,		
SSR(x2)				г ј	J	rCa/110\	0.250660
SSR(x1 x2 1						15q(1 2)	0.259669
Total 18				7 0040400	0.000		
Numerator df Denominator df Contribution of Variable x2 Source df SS MS F P Regression 2 65 SSR(x1) 1 39 39 39 39 39 39 39					0.022		
Numerator of Denominator of				4			
Source df	Numerator df	20	199				
Source df	Contribution of Va	riable x2					
Regression 2 65			MS	F r)		
SSR(x1) 1 39 SSR(x2 x1) 1 26 26 3.492537 0.078 Error 18 134 7.4444444 Total 20 199 199 Question 2 Source df SS MS F SSR(x1) 25 Regression 2 29 14.5 1.178862 SSR(x2) 20 Error 10 123 12.3 152 Total Total 12 152 Contribution of Variable x1 Source df SS MS F p Regression 2 29 rSq(1 2) 0.068182 SSR(x2) 1 20 20 rSq(1 2) 0.068182 SSR(x1 x2) 1 9 9 0.731707 0.4124 Error 10 123 12.3 Total 12 152 F p				,		rSa(2 1)	0.1625
SSR(x2 x1) 1 26 26 3.492537 0.078 Error 18 134 7.4444444 Total 20 199 Question 2 Source df SS MS F SSR(x1) 25 Regression 2 29 14.5 1.178862 SSR(x2) 20 Error 10 123 12.3 12.3 Total 2 29 rSq(1 2) 0.068182 SSR(x2) 1 20 29 rSq(1 2) 0.068182 SSR(x1 x2) 1 9 9 0.731707 0.4124 0.4124 Error 10 123 12.3 12.3 12.3 12.3 Total 12 152 152 152 152 152						4(-1-)	**
Total 18				6 3.492537	0.078		
Total 20 199 Question 2 Source df SS MS F SSR(x1) 25 Regression 2 29 12 29 rSq(1 2) 0.068182 SSR(x2) 1 20 9 0.731707 0.4124 Error 10 123 12.3 Total 12 152 Source df SS MS F p					0.07.0		
Question 2 Source df SS MS F SSR(x1) 25 Regression 2 29 14.5 1.178862 SSR(x2) 20 Error 10 123 12.3 12.3 SSR(x2) 20 Contribution of Variable x1 Source df SS MS F p Regression 2 29 rSq(1 2) 0.068182 SSR(x2) 1 20 rSq(1 2) 0.068182 SSR(x1 x2) 1 9 9 0.731707 0.4124 Error 10 12 123 12.3 12.3 Total 12 152 Total F p							
Source off SS MS F SSR(x1) 25 Regression 2 29 14.5 1.178862 SSR(x2) 20 Error 10 123 12.3 12.3 12 12 Total 12 152 152 12 <t< td=""><td>Total</td><td>20</td><td>100</td><td></td><td></td><td></td><td></td></t<>	Total	20	100				
Regression 2 29 14.5 1.178862 SSR(x2) 20 Error 10 123 12.3	Question 2						
Error 10 123 12.3 Total 12 152 Contribution of Variable x1 Source df SS MS F p Regression 2 29 rSq(1 2) 0.068182 SSR(x2) 1 20	Source df	SS	MS	F		SSR(x1)	25
Total 12 152 Contribution of Variable x1 Source df SS MS F p Regression 2 29 rSq(1 2) 0.068182 SSR(x2) 1 20 9 0.731707 0.4124 Error 10 123 12.3 Total 12 152 Source df SS MS F p	Regression	2	29 14.	5 1.178862		SSR(x2)	20
Contribution of Variable x1 Source df SS MS F p Regression 2 29 rSq(1 2) 0.068182 SSR(x2) 1 20 20 20 20 20 20 20	Error	10	123 12.	3			
Source df SS MS F p Regression 2 29 rSq(1 2) 0.068182 SSR(x2) 1 20 9 0.731707 0.4124 Error 10 123 12.3 12.3 Total 12 152 F p	Total	12	152				
Source df SS MS F p Regression 2 29 rSq(1 2) 0.068182 SSR(x2) 1 20 9 0.731707 0.4124 Error 10 123 12.3 12.3 Total 12 152 F p	Combullantian - 411	uiololo 4					
Regression 2 29 rSq(1 2) 0.068182 SSR(x2) 1 20 SSR(x1 x2) 1 9 9 0.731707 0.4124 Error 10 123 12.3 Total 12 152 Source df SS MS F p			MC		_		
SSR(x2) 1 20 SSR(x1 x2) 1 9 9 0.731707 0.4124 Error 10 123 12.3 Total 12 152 Source df SS MS F p				F L)	O(4.1.O)	0.000400
SSR(x1 x2) 1 9 9 0.731707 0.4124 Error 10 123 12.3 Total 12 152 Source df SS MS F p						rSq(1 2)	0.068182
Error 10 123 12.3 Total 12 152 Source df SS MS F p				0 0 704707	0.4404		
Total 12 152 Source df SS MS F p					0.4124		
Source df SS MS F p				ა			
·	।०रवा	12	152				
·	Source df	SS	MS	F r)		
				•		rSq(2 1)	0.031496

SSR(x1)	1 25			
SSR(x2 x1)	1 4	4 0.325203	0.5811	
Error	10 123	12.3		
Total	12 152			
Question 3				
Source df	SS	MS F	р	SSR(x1) 20.5611
Regression	2 25.4624	12.7312 17.00885	0.000	SSR(x2) 10.5195
Error	47 35.1797	0.748504		
Total	49 60.6421			
Contribution of Vari	able x1 (alcoho	ol %)		
Source df	SS	MS F	р	
Regression	2 25.4624	•		rSq(x1 x2) 0.298127
SSR(x2)	1 10.5195			
SSR(x1 x2)	1 14.9429	14.9429 19.96368	0.000	
Error	47 35.1797	0.748504		
Total	49 60.6421			
Contribution of Vari	able x2 (chloric	les)		
Source df	SS	MS F	p	
Regression	2 25.4624	•		rSq(x2 x1) 0.122285
SSR(x1)	1 20.5611			
SSR(x2 x1)	1 4.9013	4.9013 6.548126	0.01378	
Error	47 35.1797	0.748504		
Total	49 60.6421			
Question 4				
Source df	SS			
Regression	2 27,645.84			SSR(x1) 519.1073
Error	23 28,753.36			SSR(x2) 20,661.44
Total	25 56,399.20			
Contribution of Vari	-	· · ·		
Source df	SS	MS F	p	
Regression	2 27,645.84			rSq(x1 x2) 0.195435
SSR(x2)	1 20,661.44			
SSR(x1 x2)	1 6,984.40		0.02692	
Error	23 28,753.36			
Total	25 56,399.20			
O a state of the s		- Is \		
Contribution of Vari	-	-	_	
Source df	SS	MS F	р	0 / 01 1) 0 :==:=
Regression	2 27,645.84			rSq(x2 x1) 0.485445

SSR(x1) 1 519.11 SSR(x2|x1) 1 27,126.73 27126.73 21.69885 0.000 Error 23 28,753.36 1250.146

Total 25 56,399.20

Question 5

	Revenue	Efficiency	df=n-k-1	
Coefficient	0.6616391	0.842452	95-2-1	x1 = revenu
StErr	0.319153	0.077377	92	x2 = efficier
tCrit	1.986	1.986	.95 CI> p = 0.05	
MarErr	0.63383786	0.153671	Two Tail	
LCL	0.02780124	0.688781	tcrit=1.986	
UCL	1.29547696	0.996123		

Question 6

	Alcohol	Chlorides	df=60-2-1
Coefficient	0.33489	-9.76247	df = 57
StErr	0.11544	3.57385	p=0.05
tCrit	2.002	2.002	tcrit=2.002
MarErr	0.23111088	7.154848	
LCL	0.10377912	-16.9173	
UCL	0.56600088	-2.60762	

Question 7

Area	Age	
452.57311	-2.71713	df=36-2-1
118.11589	0.60836	df=33
2.035	2.035	p=0.05
240.365836	1.238013	2.035
212.207274	-3.95514	
692.938946	-1.47912	
	452.57311 118.11589 2.035 240.365836 212.207274	452.57311 -2.71713 118.11589 0.60836

Source	df	S	SS	MS	F	p		
Regression		2	6.7261	3.36305	43.79437	0.02846	SSR(x1)	3.8399
Error		196	15.0512	0.076792			SSR(x2)	3.7015
Total		198	21.7773					

Source	df	S	SS	MS	F	р		rSq(1 2)	0.167329
Regression		2	6.7261						
SSR(x2)		1	3.7015						
SSR(x1 x2)		1	3.0246	3.0246		39.387	0.022		
Error	1	196	15.0512	0.076792					
Total	1	198	21.7773						

Numerator df Denominator df

Source	df	9	SS	MS	F	p		rSq(2 1)	0.160904
Regression		2	6.7261						
SSR(x1)		1	3.8399						
SSR(x2 x1)		1	2.8862	2.8862	37.58472		0.022		
Error		196	15.0512	0.076792					
Total		198	21.7773						

Numerator df Denominator df