

29.2	3040
30.7	3840
24.7	2470
32.3	3610
31.3	3480
31.5	3810
24.5	2330
19.9	1800
27.3	3110
27.1	3160
24	2310
33.8	4360
21.5	1880
32.2	3670
22.5	1740
27.5	2250
25.6	2650
34.5	4970
26.2	2620
26.7	2900
21.1	1670
24.1	2540
32.7	3800
32.6	4600
22.1	1900
25.3	2530
30.8	2920
38.9	4990
22.1	1670
29.2	3310
30.1	3450
31.4	3600
26.7	2850
22.1	1590
30.3	3770
32	3850
23.2	2480
30.3	3570
29.9	2620
20.8	1890
33.2	3030
28.2	3030

Sxx	Syy	sum x^2	sum x*y	sum y^2
828.2411905	32812447.6	33426.67	3653682	408775200

b1  
184.5528088

Sxy  
152854.2381

SSE	SSE,pe	SSE,if
4602768.636	32812447.6	-28209678.98

x bar	y bar
27.85952381	2991.90476

b0  
-2149.64861

S square  
115069.2159

B1:  
164.7053657    204.400252

B0:  
-2709.56925    -1589.728

- i)

Y=184.55x-2149.65
- ii)

estimator is S estimate is 115069
- iii)

slope

164.7053657    204.40025

intercept

-2709.56925    -1589.728
- v)

R^2

0.859724922
- iv)

t\_40

15.65739454

P-VALUE

0

