

Student ID	Gender	Age	Subject	Exam Score	Study Hours
1	Male	18	Math	85	5
2	Female	17	Science	92	4
3	Male	18	English	78	3
4	Female	16	Math	95	6
5	Male	19	Science	88	4
6	Female	17	English	72	2
7	Male	18	Math	90	5
8	Female	16	Science	96	6
9	Male	17	English	82	3
10	Female	18	Math	78	4
11	Male	19	Math	78	3
12	Female	18	Science	92	5
13	Male	17	English	85	4
14	Female	16	Math	91	6
15	Male	18	Science	70	3
16	Female	17	English	88	4
17	Male	19	Math	82	5
18	Female	18	Science	96	6
19	Male	17	English	75	3
20	Female	16	Math	90	4
21	Male	19	Science	82	5
22	Female	18	English	88	6
23	Male	17	Math	79	3
24	Female	16	Science	92	4
25	Male	18	English	86	5
26	Female	19	Math	93	6
27	Male	17	Science	71	3
28	Female	18	English	84	4
29	Male	19	Math	89	5
30	Female	18	Science	94	6
31	Male	17	English	77	3
32	Female	16	Math	85	4
33	Male	19	Science	90	5
34	Female	18	English	92	6
35	Male	17	Math	81	3
36	Female	16	Science	86	4
37	Male	18	English	88	5
38	Female	19	Math	95	6
39	Male	17	Science	73	3
40	Female	18	English	80	4
41	Male	19	Math	87	5
42	Female	18	Science	89	6
43	Male	17	English	72	3
44	Female	16	Math	94	4
45	Male	18	Science	83	5
46	Female	19	English	91	6

47 Male	17 Math	76	3
48 Female	18 Science	87	4
49 Male	19 English	84	5
50 Female	18 Math	90	6
51 Male	17 Science	81	3
52 Female	16 English	93	4
53 Male	18 Math	79	5
54 Female	19 Science	88	6
55 Male	17 English	77	3
56 Female	18 Math	82	4
57 Male	19 Science	86	5
58 Female	18 English	89	6
59 Male	17 Math	73	3
60 Female	16 Science	91	4
61 Male	18 English	81	5
62 Female	19 Math	94	6
63 Male	17 Science	75	3
64 Female	18 English	83	4
65 Male	19 Math	90	5
66 Female	18 Science	85	6
67 Male	17 English	79	3
68 Female	16 Math	88	4
69 Male	18 Science	84	5
70 Female	19 English	92	6
71 Male	17 Math	77	3
72 Female	18 Science	89	4
73 Male	19 English	83	5
74 Female	18 Math	91	6
75 Male	17 Science	76	3
76 Female	16 English	86	4
77 Male	18 Math	80	5
78 Female	19 Science	93	6
79 Male	17 English	74	3
80 Female	18 Math	85	4
81 Male	19 Science	87	5
82 Female	18 English	90	6
83 Male	17 Math	78	3
84 Female	16 Science	92	4
85 Male	18 English	82	5
86 Female	19 Math	95	6
87 Male	17 Science	71	3
88 Female	18 English	88	4
89 Male	19 Math	86	5
90 Female	18 Science	97	6

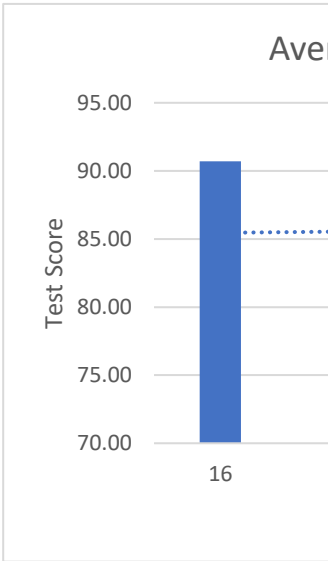
79.75 3

90.25 5.25

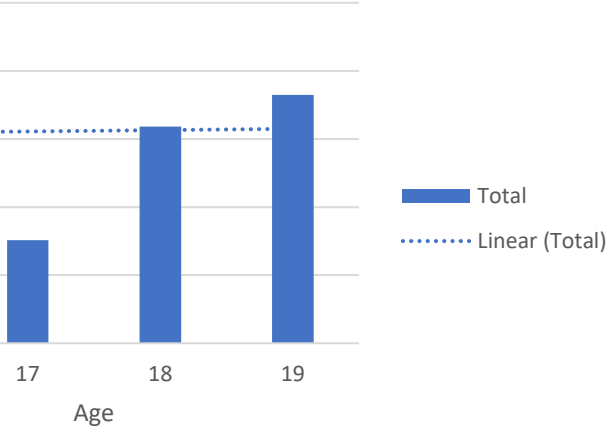
<i>Exam Score</i>		<i>Study Hours</i>	
Mean	85.01111111	Mean	4.466666667
Standard Error	0.726954629	Standard Error	0.120548062
Median	86	Median	4
Mode	88	Mode	4
Standard Deviation	6.896497148	Standard Deviation	1.143619329
Sample Variance	47.56167291	Sample Variance	1.307865169
Range	27	Range	4
Minimum	70	Minimum	2
Maximum	97	Maximum	6
IQR	10.5	IQR	2.25
Sum	7651	Sum	402
Count	90	Count	90
1		1	

Row Labels	Average of Study Hour	Average of Exam Score
Female	4.96	89.36
Male	3.98	80.67
Grand Total	4.47	85.01

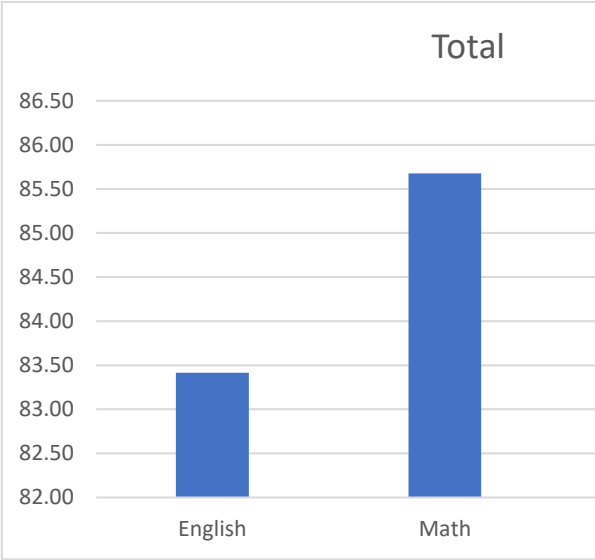
Row Labels	Average of Exam Score
16	90.69
17	77.57
18	85.91
19	88.24
Grand Total	85.01

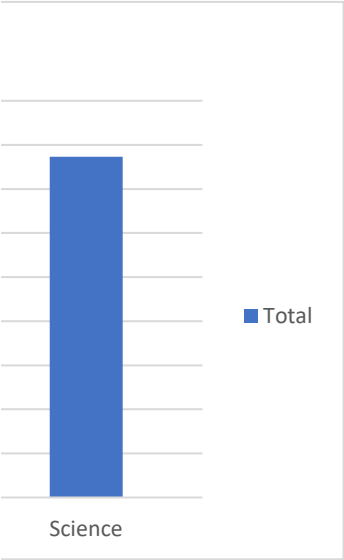


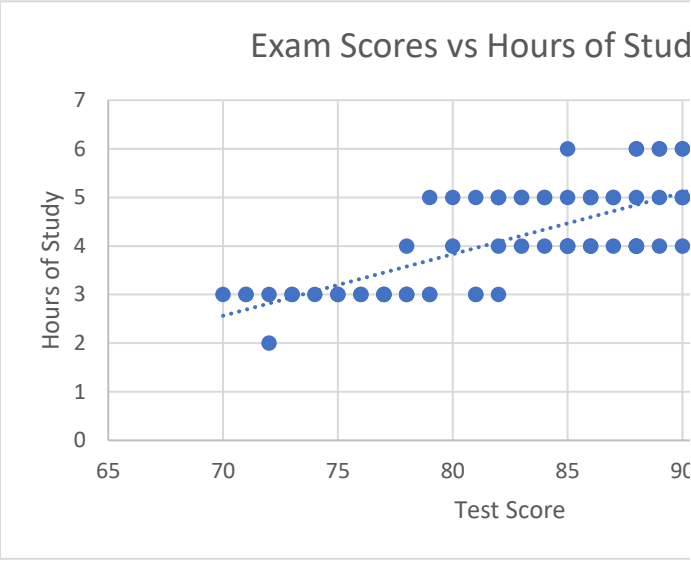
rage exam Score per Age

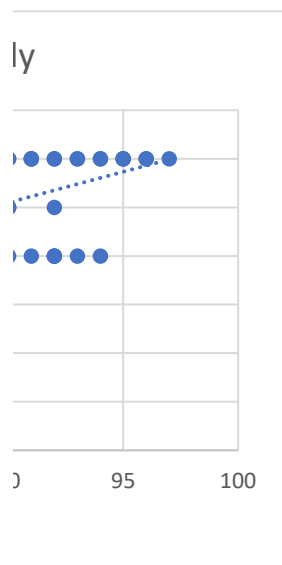


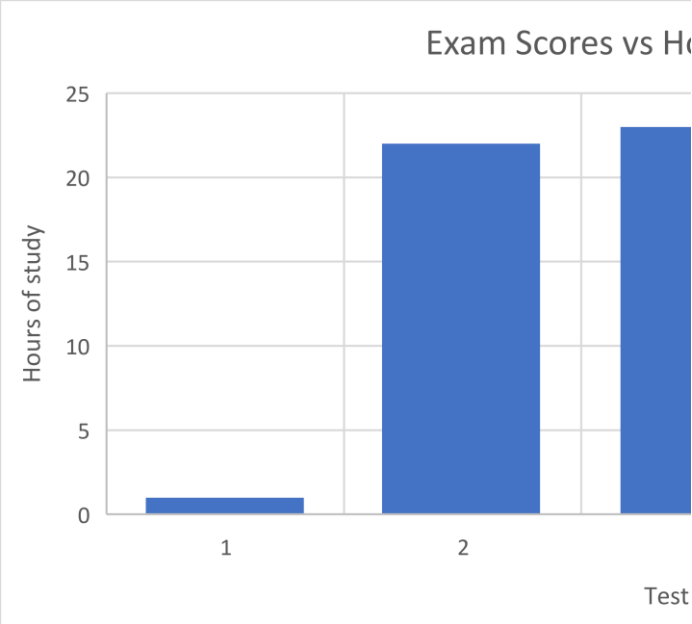
Row Labels	Average of Exam Score
English	83.41
Math	85.68
Science	85.87
Grand Total	85.01



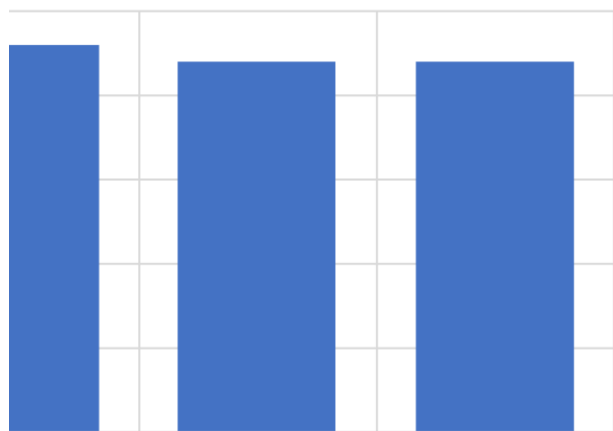








ours of Study



3

4

5

Score

Student ID	Gender	Age	Subject	Exam Score	Study Hours
90	Female		18 Science	97	6
8	Female		16 Science	96	6
18	Female		18 Science	96	6
4	Female		16 Math	95	6
38	Female		19 Math	95	6
86	Female		19 Math	95	6
30	Female		18 Science	94	6
44	Female		16 Math	94	4
62	Female		19 Math	94	6
26	Female		19 Math	93	6
52	Female		16 English	93	4
78	Female		19 Science	93	6
2	Female		17 Science	92	4
12	Female		18 Science	92	5
24	Female		16 Science	92	4
34	Female		18 English	92	6
70	Female		19 English	92	6
84	Female		16 Science	92	4
14	Female		16 Math	91	6
46	Female		19 English	91	6
60	Female		16 Science	91	4
74	Female		18 Math	91	6
7	Male		18 Math	90	5
20	Female		16 Math	90	4
33	Male		19 Science	90	5
50	Female		18 Math	90	6
65	Male		19 Math	90	5
82	Female		18 English	90	6
29	Male		19 Math	89	5
42	Female		18 Science	89	6
58	Female		18 English	89	6
72	Female		18 Science	89	4
5	Male		19 Science	88	4
16	Female		17 English	88	4
22	Female		18 English	88	6
37	Male		18 English	88	5
54	Female		19 Science	88	6
68	Female		16 Math	88	4
88	Female		18 English	88	4
41	Male		19 Math	87	5
48	Female		18 Science	87	4
81	Male		19 Science	87	5
25	Male		18 English	86	5
36	Female		16 Science	86	4
57	Male		19 Science	86	5
76	Female		16 English	86	4

89 Male	19 Math	86	5
1 Male	18 Math	85	5
13 Male	17 English	85	4
32 Female	16 Math	85	4
66 Female	18 Science	85	6
80 Female	18 Math	85	4
28 Female	18 English	84	4
49 Male	19 English	84	5
69 Male	18 Science	84	5
45 Male	18 Science	83	5
64 Female	18 English	83	4
73 Male	19 English	83	5
9 Male	17 English	82	3
17 Male	19 Math	82	5
21 Male	19 Science	82	5
56 Female	18 Math	82	4
85 Male	18 English	82	5
35 Male	17 Math	81	3
51 Male	17 Science	81	3
61 Male	18 English	81	5
40 Female	18 English	80	4
77 Male	18 Math	80	5
23 Male	17 Math	79	3
53 Male	18 Math	79	5
67 Male	17 English	79	3
3 Male	18 English	78	3
10 Female	18 Math	78	4
11 Male	19 Math	78	3
83 Male	17 Math	78	3
31 Male	17 English	77	3
55 Male	17 English	77	3
71 Male	17 Math	77	3
47 Male	17 Math	76	3
75 Male	17 Science	76	3
19 Male	17 English	75	3
63 Male	17 Science	75	3
79 Male	17 English	74	3
39 Male	17 Science	73	3
59 Male	17 Math	73	3
6 Female	17 English	72	2
43 Male	17 English	72	3
27 Male	17 Science	71	3
87 Male	17 Science	71	3
15 Male	18 Science	70	3

Values	
--------	--

Average of Age	17
----------------	----

Average of Study Hour	6
-----------------------	---

Count of Student ID	4
---------------------	---

Average of Exam Score	96
-----------------------	----

<i>Exam Score</i>		<i>Study Hours</i>
Exam Score	1	
Study Hours	0.76435772	1

Through an overall analysis of the presented data, there seems to be a strong level of correlation between Study time and exam scores across all subjects and genders.

While all three observed subjects have similar average test scores, science has the highest average with an 85.87 and English has the lowest with an 83.41. when

comparing genders, females have a much higher average test score with an almost 9 point higher average than males. As this trend would indicate, most of the highest performers are female. Overall, based on this relatively surface level analysis, there does seem to be a strong level of correlation between average time spent studying and average score received on exams.