

Practical work 2

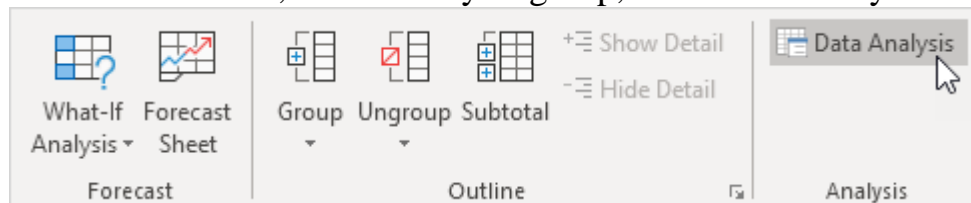
Descriptive Statistics

You can use the Analysis Toolpak add-in to generate descriptive statistics. For example, you may have the scores of 14 participants for a test.

	A	B
1	Scores	
2	82	
3	93	
4	91	
5	69	
6	96	
7	61	
8	88	
9	58	
10	59	
11	100	
12	93	
13	71	
14	78	
15	98	
16		

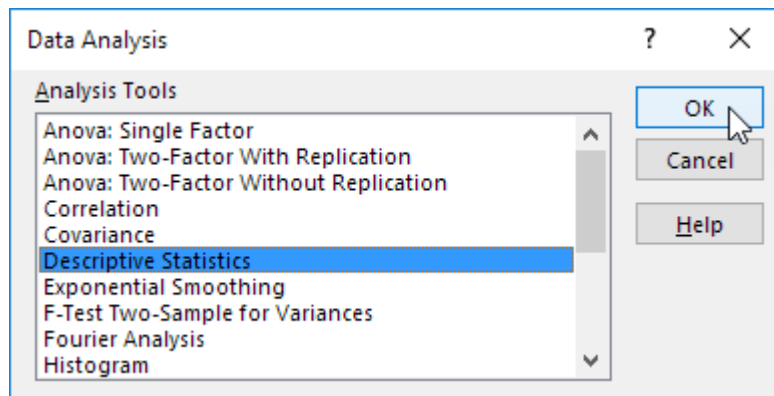
To generate descriptive statistics for these scores, execute the following steps.

1. On the Data tab, in the Analysis group, click Data Analysis.

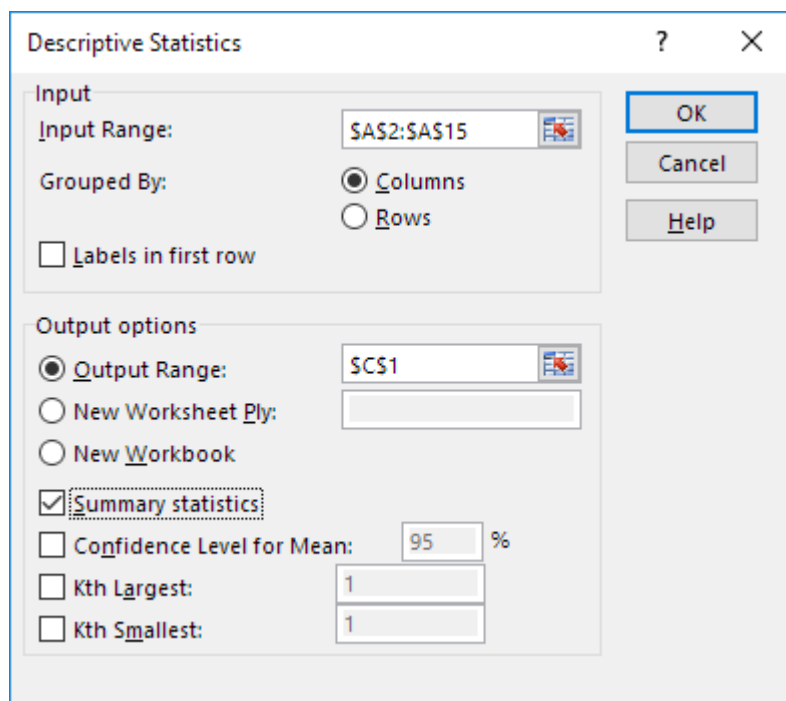


Note: can't find the Data Analysis button? Click [here](#) to load the [Analysis ToolPak add-in](#).

2. Select Descriptive Statistics and click OK.



3. Select the range A2:A15 as the Input Range.
4. Select cell C1 as the Output Range.
5. Make sure Summary statistics is checked.



6. Click OK.

Result:

	A	B	C	D	E
1	Scores		<i>Column1</i>		
2	82				
3	93		Mean	81.21428571	
4	91		Standard Error	4.045318243	
5	69		Median	85	
6	96		Mode	93	
7	61		Standard Deviation	15.13619489	
8	88		Sample Variance	229.1043956	
9	58		Kurtosis	-1.426053506	
10	59		Skewness	-0.402108004	
11	100		Range	42	
12	93		Minimum	58	
13	71		Maximum	100	
14	78		Sum	1137	
15	98		Count	14	
16					

Ex: Apply the above in series 2.