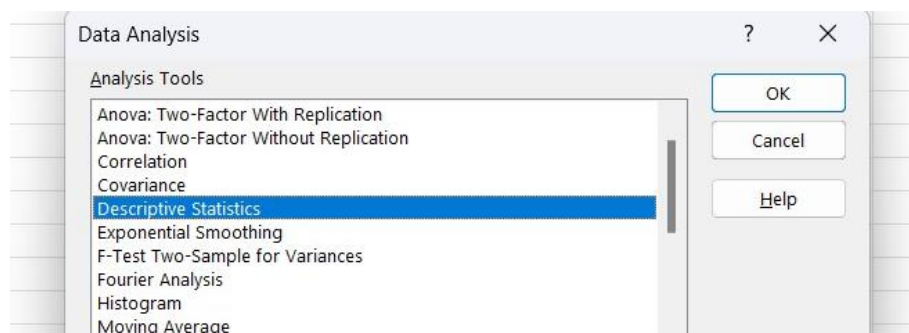
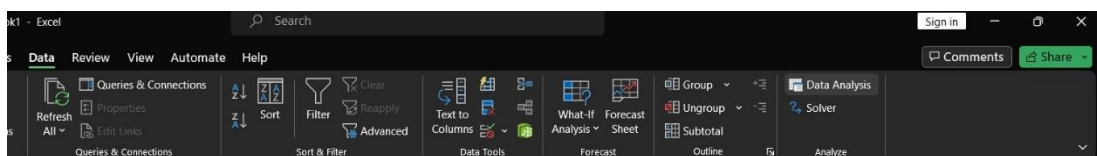
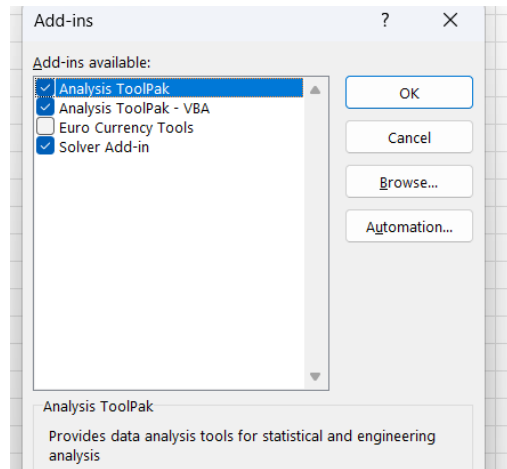
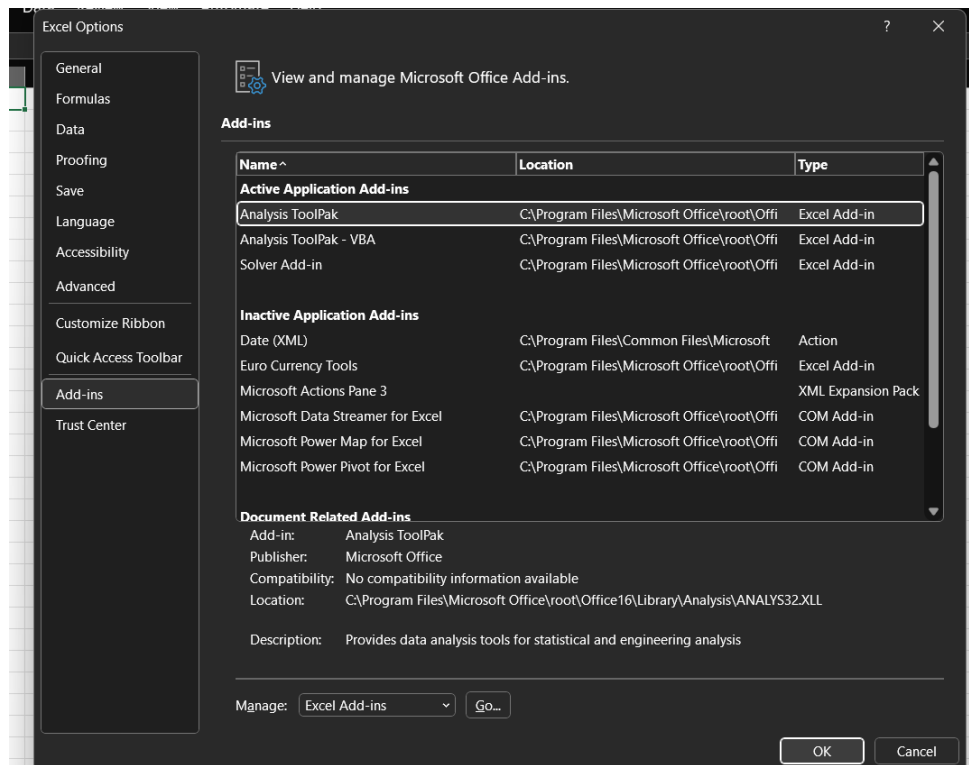


Practical: 01

A. Write a program for obtaining descriptive statistics of data.

Go to File Menu > Options Add-Ins > Select Analysis ToolPak > press Ok.



Descriptive Statistics

Input
 Input Range:
 Grouped By: ☒ Columns ☐ Rows
☐ Labels in First Row

Output options
☐ Output Range:
☒ New Worksheet Ply:
☐ New Workbook
☐ Summary statistics
☐ Confidence Level for Mean: %
☐ Kth Largest:
☐ Kth Smallest:

Select the data range from excel worksheet.

Descriptive Statistics

Input
 Input Range:
 Grouped By: ☒ Columns ☐ Rows
☐ Labels in first row

Output options
☒ Output Range:
☐ New Worksheet Ply:
☐ New Workbook
☒ Summary statistics
☒ Confidence Level for Mean: %
☒ Kth Largest:
☒ Kth Smallest:

Output:

File Home Insert Page Layout Formulas Data Review View Automate										
G3		AGE								
SR. NO	NAME	AGE	RATING							
1	A	42	4.49							
2	B	40	4.41							
3	C	46	2.21							
4	D	40	1.81							
5	E	35	6.07							
6	F	48	1.89							
7	G	43	2.00							
8	H	28	3.09							
9	I	28	3.12							
10	J	32	2.94							
11	K	28	1.72							
12	L	39	5.86							
13	M	47	3.44							
14	N	28	5.75							
15	O	33	5.48							
16	P	47	4.32							
17	Q	39	6.68							
18	R	25	3.54							
19	S	34	6.31							
20	T	51	3.74							
21	U	38	1.89							
22	V	44	5.98							
23	W	26	4.53							
24	X	40	2.77							
25	Y	33	5.18							
26	Z	28	5.91							
27	AA	29	5.39							
28	AB	38	3.29							
29	AC	48	3.51							
30	AD	37	5.92							
31										
32										
33										

AGE	
Mean	37.13333
Standard Error	1.385253
Median	38
Mode	28
Standard Deviation	7.587346
Sample Variance	57.56782
Kurtosis	-1.13837
Skewness	0.063113
Range	26
Minimum	25
Maximum	51
Sum	1114
Count	30
Largest(1)	51
Smallest(1)	25
Confidence Interval	2.833161