

First, write PYTHON code that outputs well formatted data such as:

Counting compares on random data

	Bubble	Shaker	Counting	Merge	Quick	MQuick
03	04.81	04.64	03.00	04.58	04.25	04.46
04	06.83	06.39	04.00	06.00	06.00	05.58
05	08.85	08.87	05.00	07.32	07.17	07.41
06	10.92	10.60	06.00	08.58	08.63	08.52
07	12.97	12.67	07.00	09.81	09.76	09.99
08	14.98	14.59	08.00	11.00	10.97	10.96
09	16.98	16.61	09.00	12.17	12.24	12.37
10	19.00	18.62	10.00	13.32	13.59	13.37
11	21.00	20.58	11.00	14.46	14.57	14.60
12	23.00	22.60	12.00	15.58	15.73	15.75

Then, copy your data and paste it into Excel. Click on the button below the paste to choose the Text Import Wizard. All the defaults should work.

	A	B	C	D	E
1					
2	Counting compares on random data				
3					
4	Bubble	Shaker	Counting	Merge	Quick MQuick
5	03 04.46	04.64	03.00	04.58	04.17 04.00
6	04 06.52	06.63	04.00	06.00	05.46 05.52
7	05 08.91	08.66	05.00	07.32	07.11 07.14
8	06 10.97	10.44	06.00	08.58	08.41 08.29
9	07 12.99	12.66	07.00	09.81	09.70 09.71
10	08 14.98	14.55	08.00	11.00	11.19 11.11
11	09 17.00	16.66	09.00	12.17	12.20 12.25
12	10 19.00	18.60	10.00	13.32	13.39 13.38
13	11 21.00	20.60	11.00	14.46	14.74 14.67
14	12 23.00	22.57	12.00	15.58	15.75 15.77
15					
16					

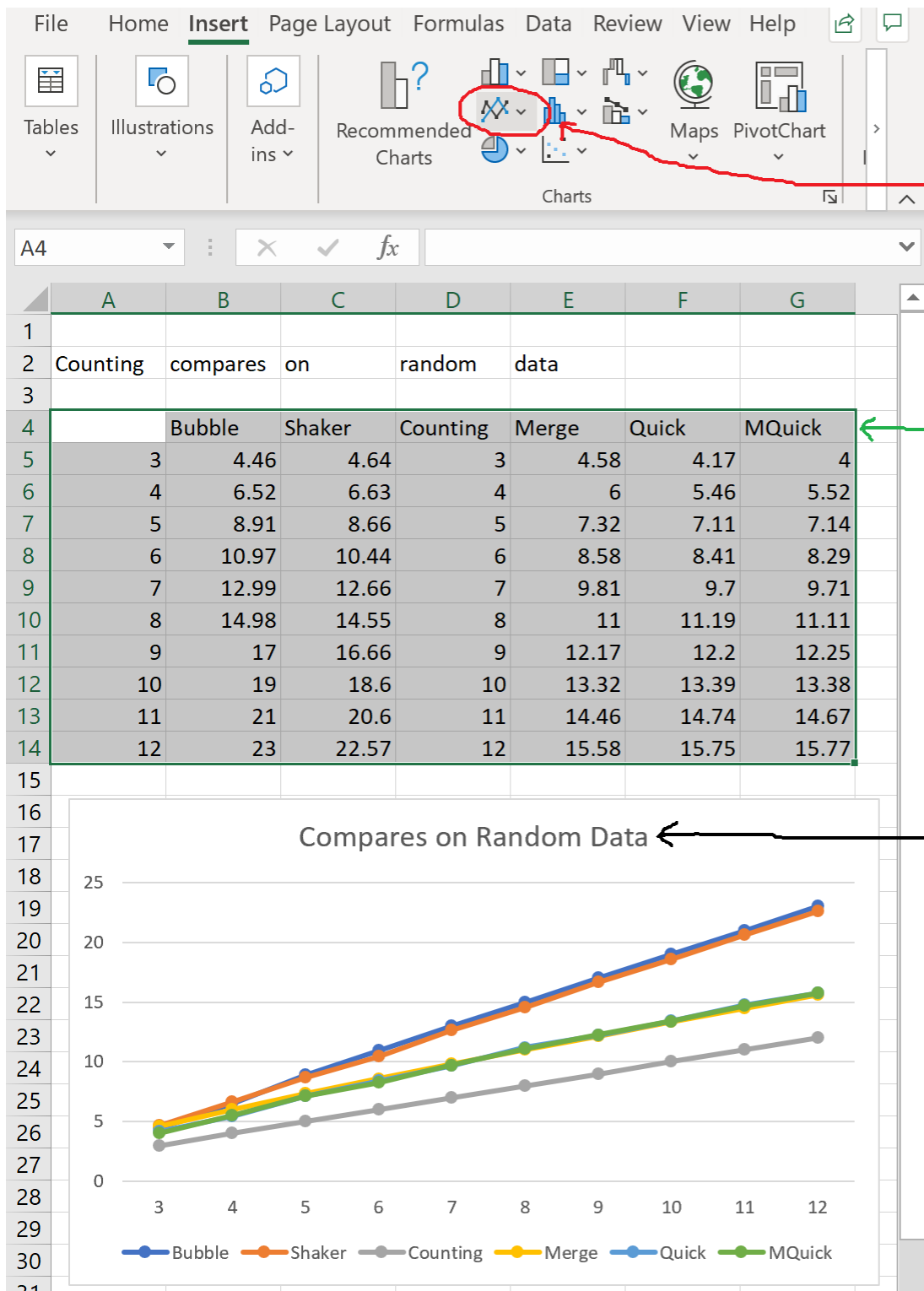
Copy your PYTHON output

Paste into Excel

Click here to format:

Text Import Wizard, defaults

From Excel, highlight just the data, not the explanation line. From the Insert menu, choose to make the correct Line Chart. Give it an appropriate title. Repeat this process for “Compares on Random Data” and for “Compares on Mostly Sorted Data.” Turn in both data tables with their corresponding charts to pass off.



2. Choose a 2d Line Chart
4th option on the top

1. Highlight the data

3. Rename the chart title

4. Turn in both the table
data and the line chart.

5. Repeat for Compares
on Mostly Sorted data.