

# Reading in Data into Microsoft Excel for data analysis:

## Introduction:

During your course work you might encounter on several occasions the need to run a code and view its data output using some data analysis software, this tutorial will help you to conduct

## Step 1:

### The set of data to read into excel:

If you have your own set of data then you can use your data straight away by taking the same set of steps as the tutorial.

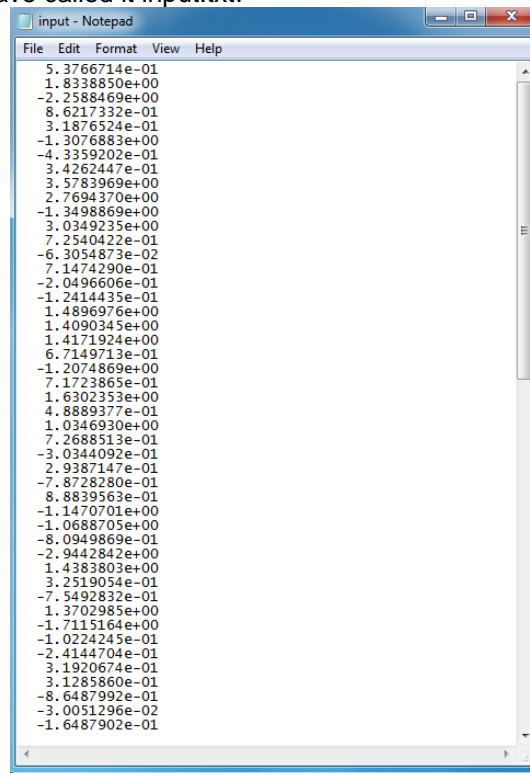
Copy the following set of data and paste it into a notepad file. Call the file a name that you can remember once the file is saved it should have the extension \*.txt.

```
5.3766714e-01
1.8338850e+00
-2.2588469e+00
8.6217332e-01
3.1876524e-01
-1.3076883e+00
-4.3359202e-01
3.4262447e-01
3.5783969e+00
2.7694370e+00
-1.3498869e+00
3.0349235e+00
7.2540422e-01
-6.3054873e-02
7.1474290e-01
-2.0496606e-01
-1.2414435e-01
1.4896976e+00
1.4090345e+00
1.4171924e+00
6.7149713e-01
-1.2074869e+00
7.1723865e-01
1.6302353e+00
4.8889377e-01
1.0346930e+00
7.2688513e-01
-3.0344092e-01
2.9387147e-01
-7.8728280e-01
8.8839563e-01
-1.1470701e+00
-1.0688705e+00
-8.0949869e-01
-2.9442842e+00
1.4383803e+00
3.2519054e-01
-7.5492832e-01
1.3702985e+00
-1.7115164e+00
-1.0224245e-01
```

-2.4144704e-01  
3.1920674e-01  
3.1285860e-01  
-8.6487992e-01  
-3.0051296e-02  
-1.6487902e-01  
6.2770729e-01  
1.0932657e+00  
1.1092733e+00  
-8.6365282e-01  
7.7359091e-02  
-1.2141170e+00  
-1.1135007e+00  
-6.8493281e-03  
1.5326303e+00  
-7.6966591e-01  
3.7137881e-01  
-2.2558440e-01  
1.1173561e+00  
-1.0890643e+00  
3.2557464e-02  
5.5252702e-01  
1.1006102e+00  
1.5442119e+00  
8.5931133e-02  
-1.4915903e+00  
-7.4230184e-01  
-1.0615817e+00  
2.3504572e+00  
-6.1560188e-01  
7.4807678e-01  
-1.9241851e-01  
8.8861043e-01  
-7.6484924e-01  
-1.4022690e+00  
-1.4223759e+00  
4.8819391e-01  
-1.7737516e-01  
-1.9605349e-01  
1.4193102e+00  
2.9158437e-01  
1.9781105e-01  
1.5876991e+00  
-8.0446596e-01  
6.9662442e-01  
8.3508817e-01  
-2.4371514e-01  
2.1567009e-01  
-1.1658439e+00  
-1.1479528e+00  
1.0487472e-01  
7.2225403e-01  
2.5854913e+00  
-6.6689067e-01  
1.8733102e-01  
-8.2494425e-02  
-1.9330229e+00  
-4.3896615e-01  
-1.7946788e+00

**Step 2:**

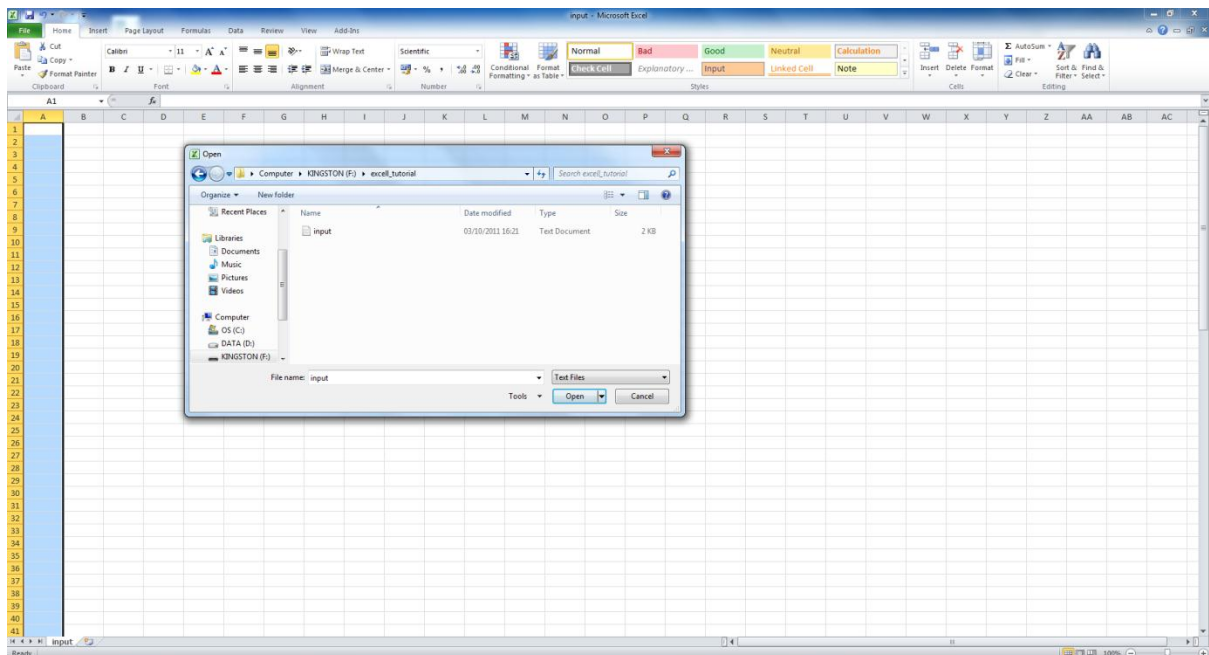
This is the note pad file, I have called it input.txt.



```
File Edit Format View Help
5.3766714e-01
1.8338850e+00
-2.2588469e+00
8.6217332e-01
3.1876524e-01
-1.3076883e+00
-4.3359202e-01
3.4262447e-01
3.5783969e+00
2.7694370e+00
-1.3498869e+00
3.0349235e+00
7.2540422e-01
-6.3054873e-02
7.1474290e-01
-2.0496606e-01
-1.2414435e-01
1.4896976e+00
1.4090345e+00
1.4171924e+00
6.7149713e-01
-1.2074869e+00
7.1723865e-01
1.6302353e+00
4.8889377e-01
1.0346930e+00
7.2688513e-01
-3.0344092e-01
2.9387147e-01
-7.8728280e-01
8.8839563e-01
-1.1470701e+00
-1.0688705e+00
-8.0949869e-01
-2.9442842e+00
1.4383803e+00
3.2519054e-01
-7.5492832e-01
1.3702985e+00
-1.7115164e+00
-1.0224245e-01
-2.4144704e-01
3.1920674e-01
3.1285860e-01
-8.6487992e-01
-3.0051296e-02
-1.6487902e-01
```

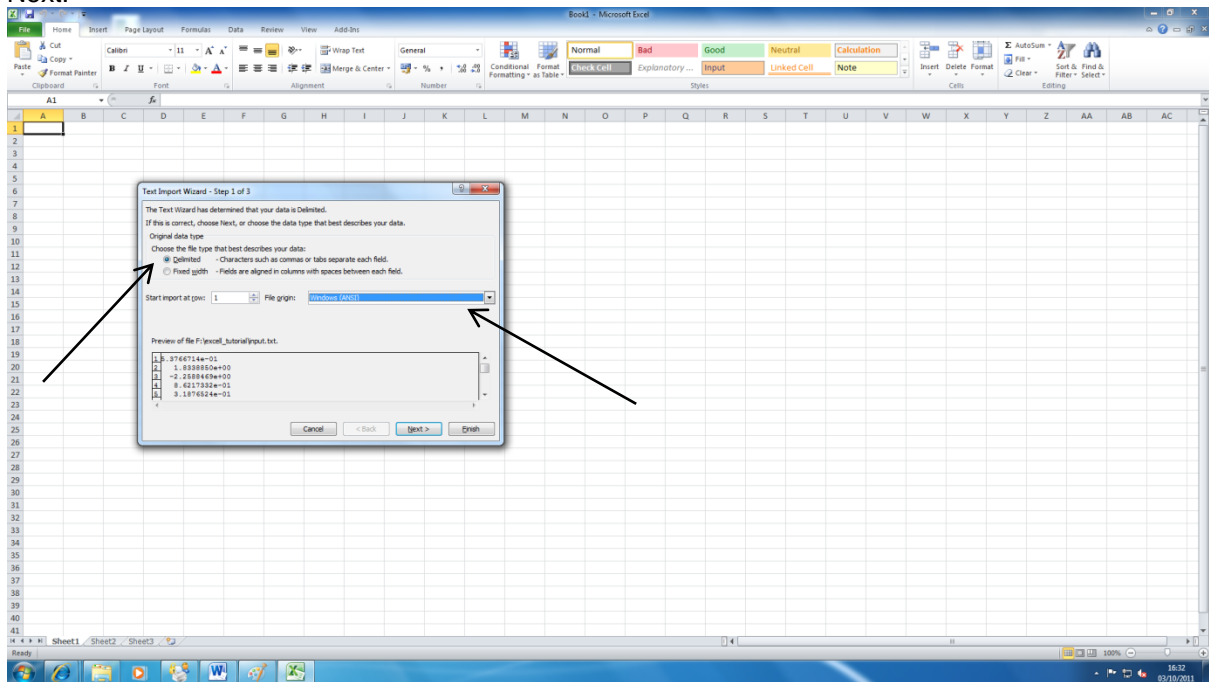
**Step 3:**

Launch excel, go to file and chose open. Double click on the input.txt file.

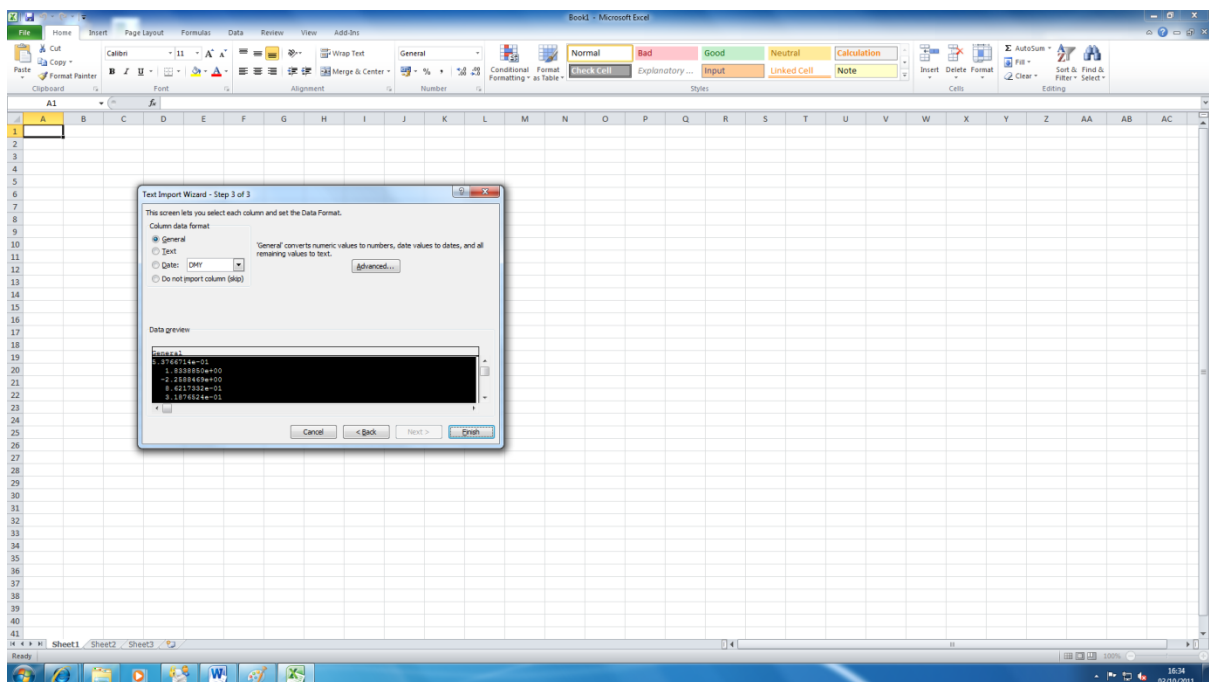


**Step 4:**

Chose delimited if you have several columns then use fixed width, chose also (windows ANSI). Press Next.

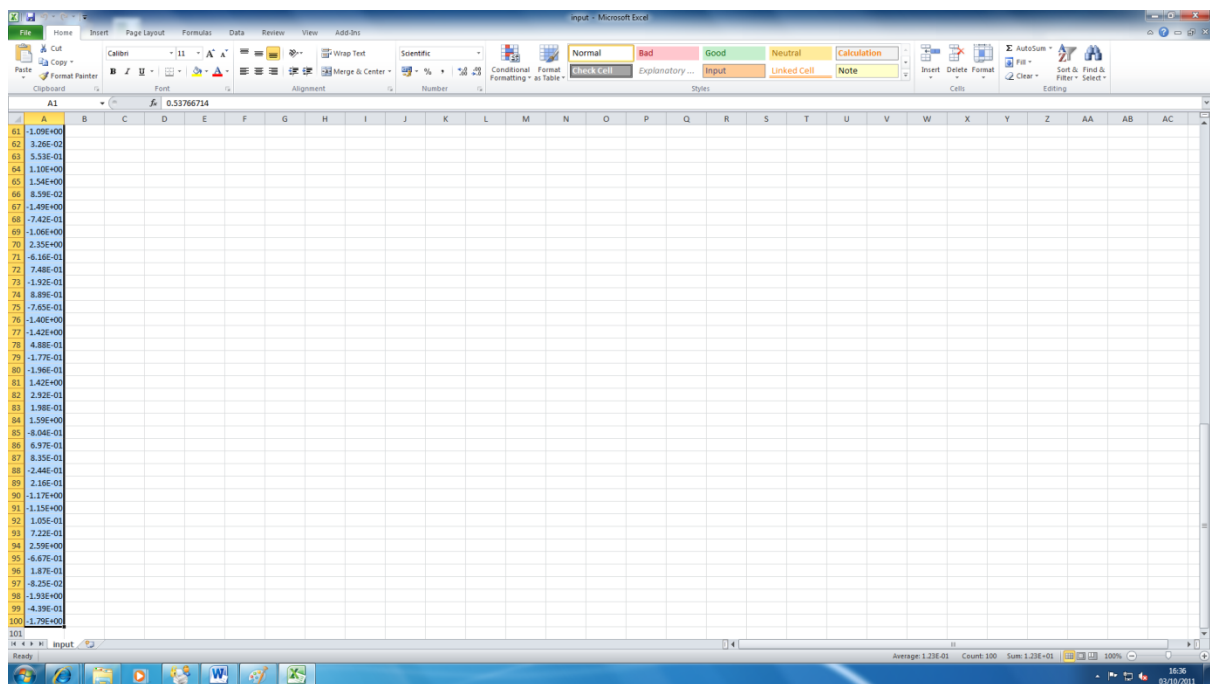
**Step 5:**

Just chose General here and press close.

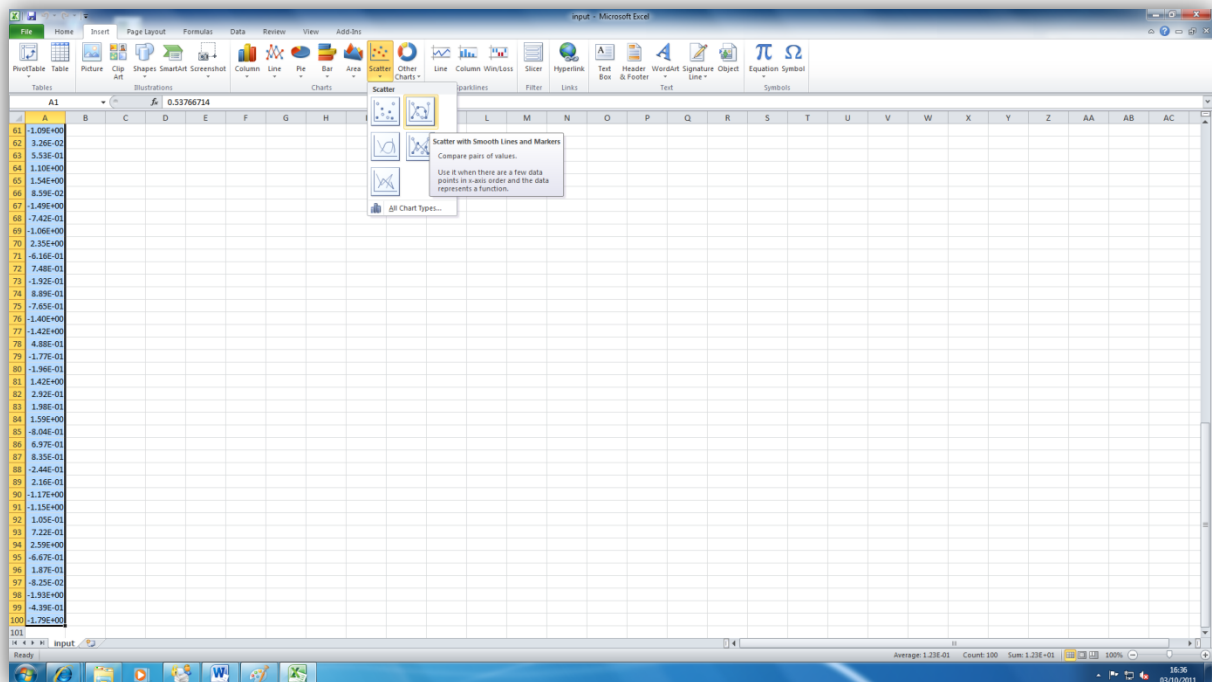


**Step 6:**

Select the whole column from 1 to 100.

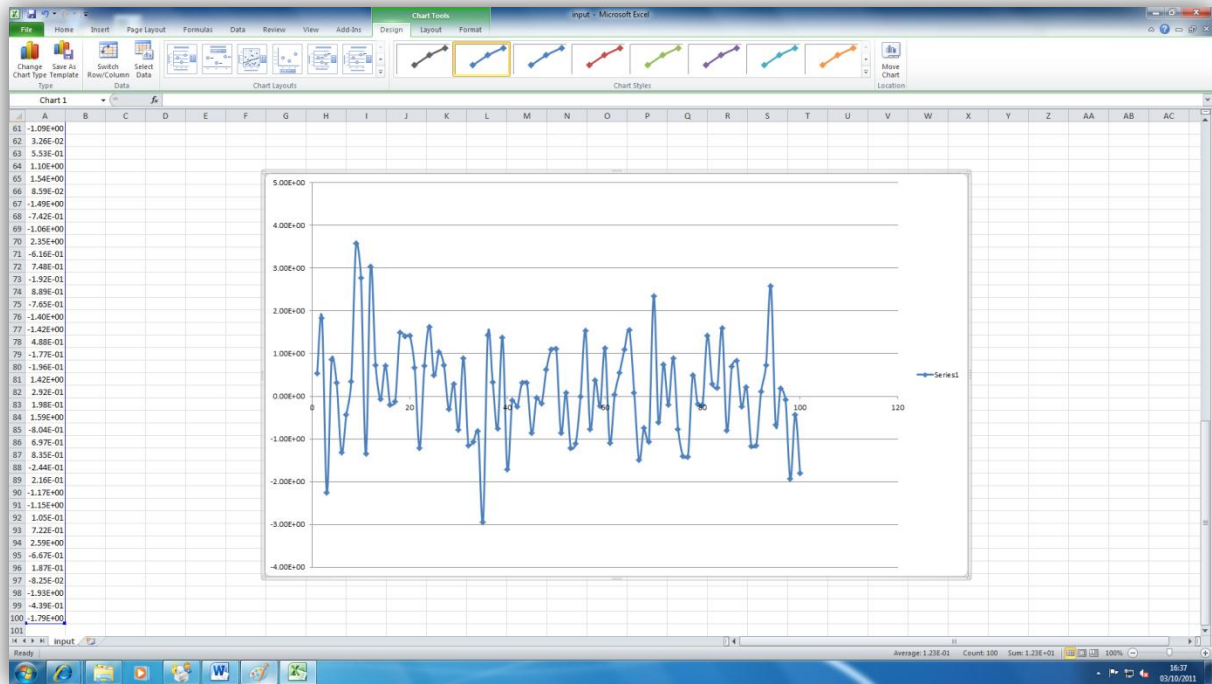
**Step 8:**

Go to scatter and the style of plotting you find suitable for your case.



**Step 9:**

Finally you should get something like this.



That's the end of this tutorial I hope that was helpful please feel free to contact me regarding any mistakes or recommendations for the tutorial.

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