

```
In [8]: runfile('/Users/w0l/Downloads/Project01V2.py', wdir='/Users/w0l/Downloads')
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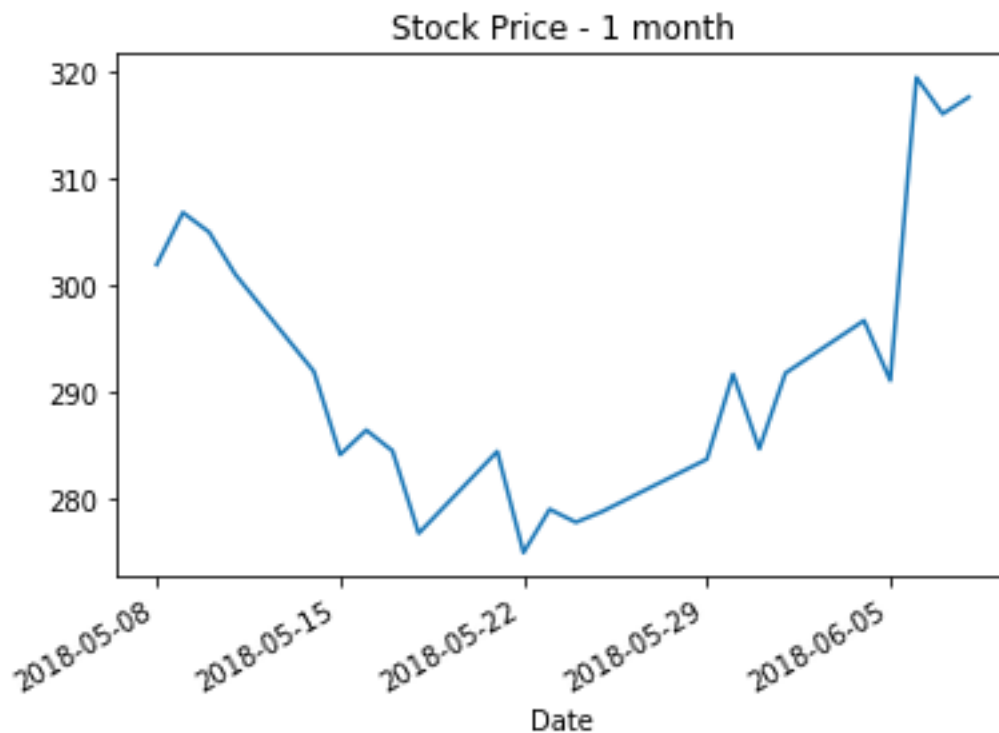
Type the symbol of the stock you want to analyse:

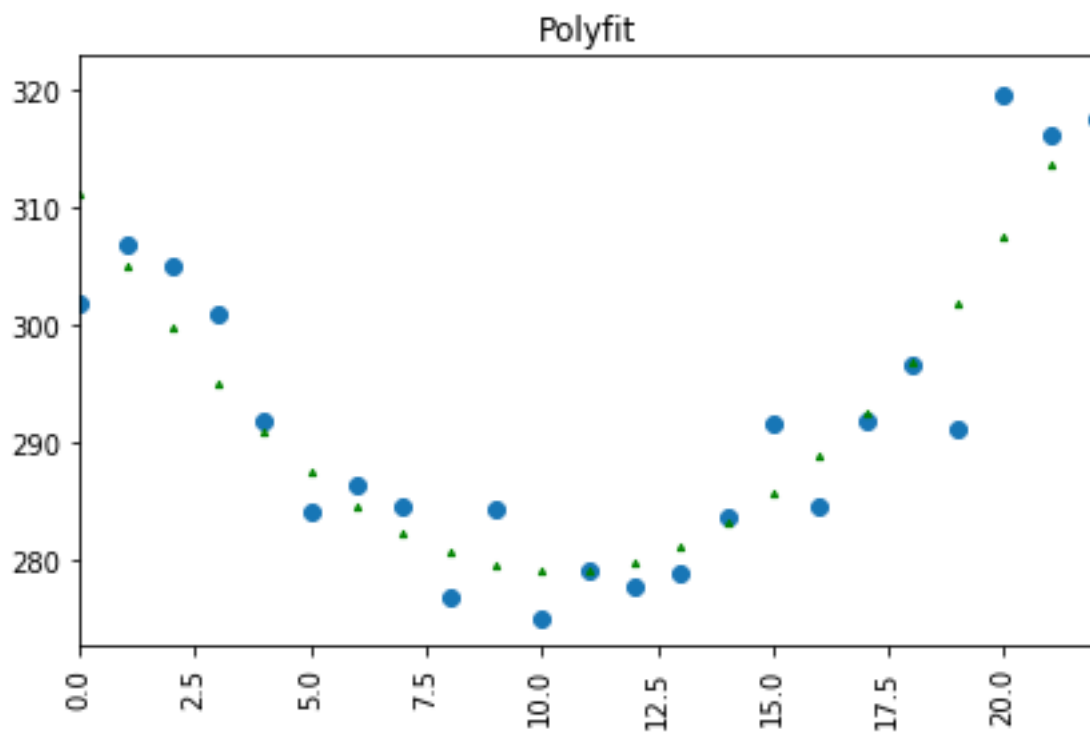
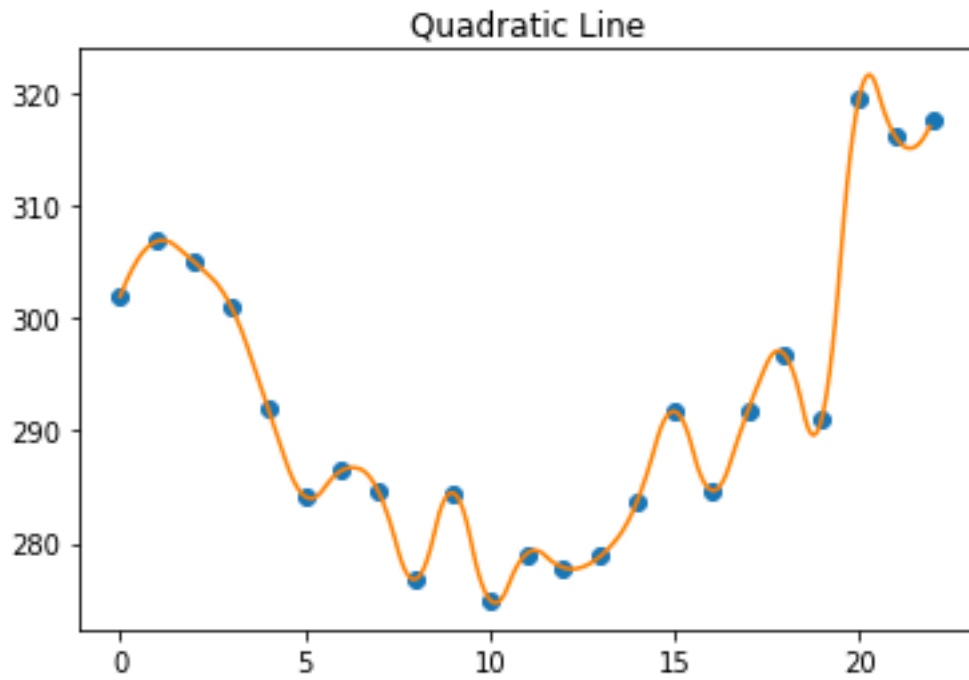
tsla

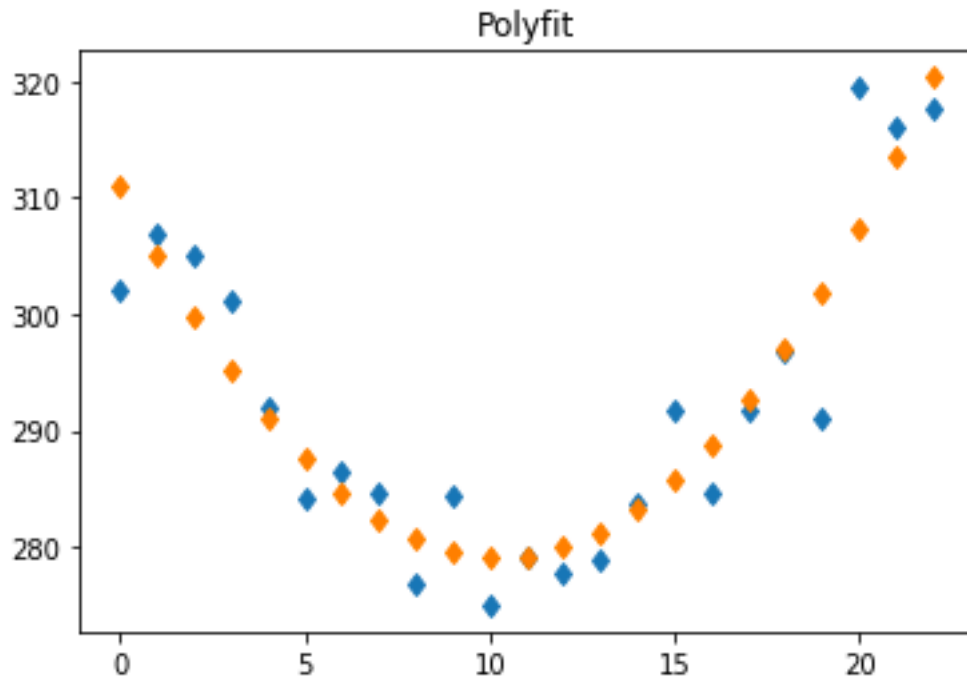
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[*****100%*****] 1 of 1
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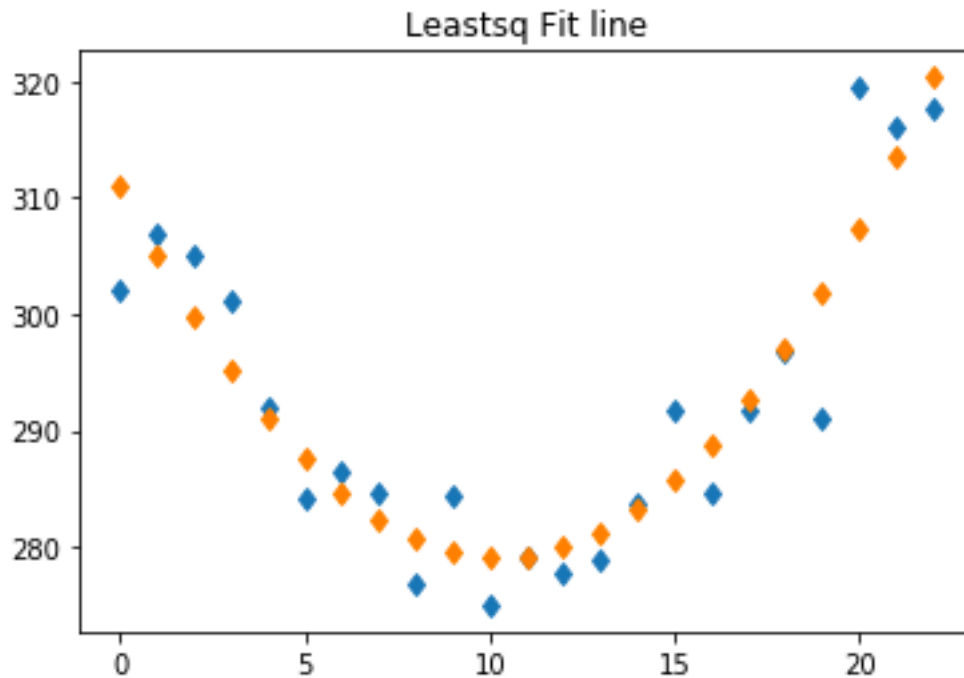
Stock Succesfully Downloaded



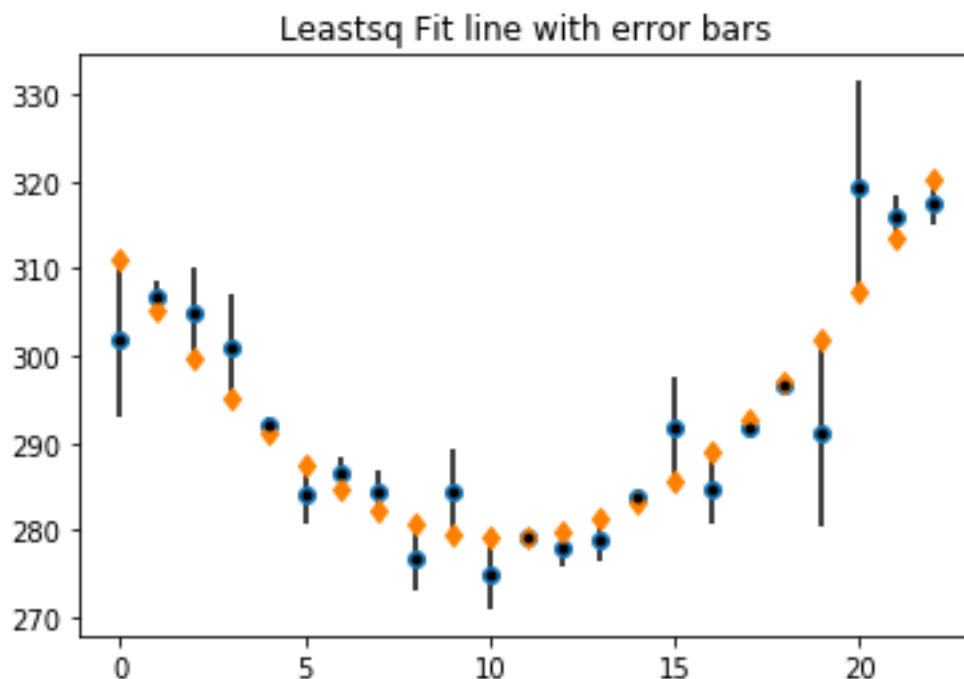




```
[ 3.01764765e-01 -6.21644331e+00  3.11081432e+02]
Quadratic Equation:  0.3017647649900077 x2  -6.216443308092469 x
+ 311.0814318180633
Estimates from leastsq
[ 3.01764765e-01 -6.21644331e+00  3.11081432e+02] 3
number of function calls = 3
Estimates from leastsq
[ 3.01764765e-01 -6.21644331e+00  3.11081432e+02] 1
number of function calls = 9
```



```
[9.111430818069607, -1.6832527257255379, -5.164384739540651,
-5.912013223375709, -0.9261061772307357, 3.3633413988941925,
-1.8337074950007377, -2.187206858915715, 3.842823307149388,
-4.913601996805539, 4.0834652292195415, 0.14408498522470836,
2.088232271209847, 2.415908087175012, -0.562890566879787,
-5.988146690954466, 4.140107714950773, 0.7919056508360427,
0.21724611670134664, 10.776084112546698, -12.041528361627968,
-2.475612305822551, 2.713821279962815]
```



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In [9]: runfile('/Users/w0l/Downloads/Project01V2.py', wdir='/Users/w0l/Downloads')
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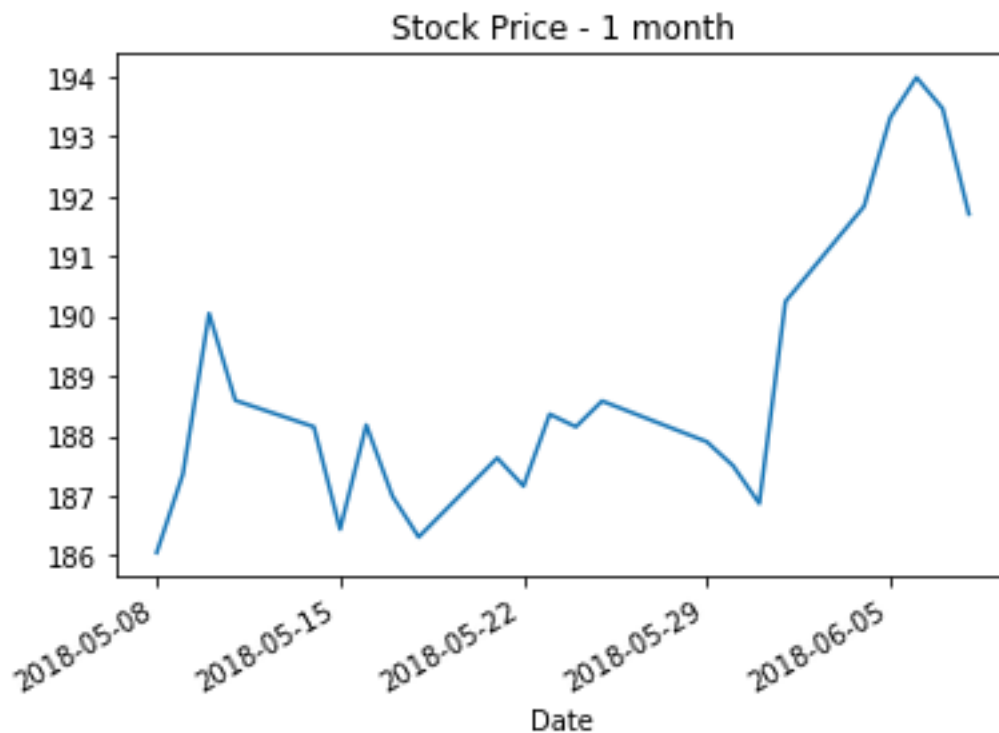
Type the symbol of the stock you want to analyse:

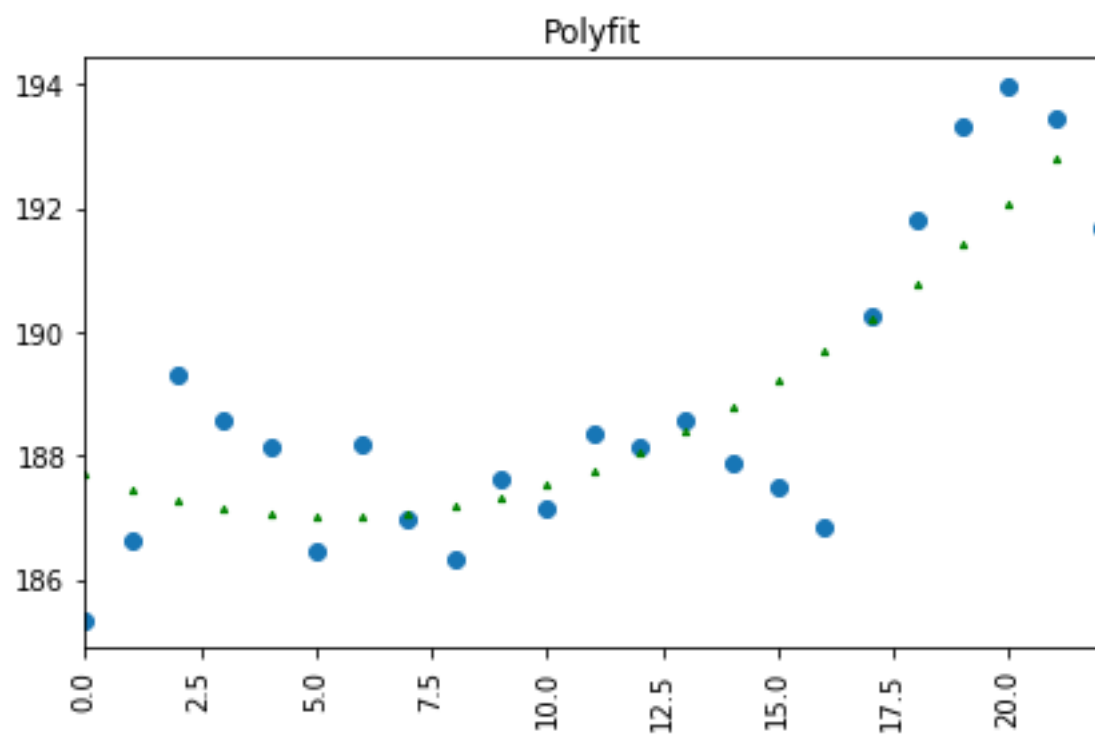
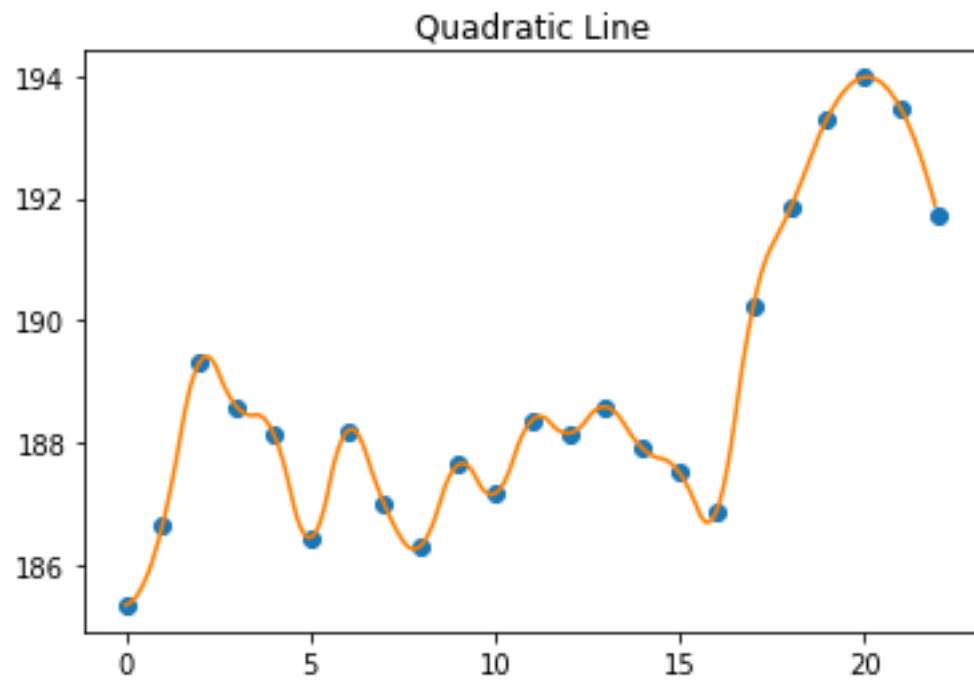
aapl

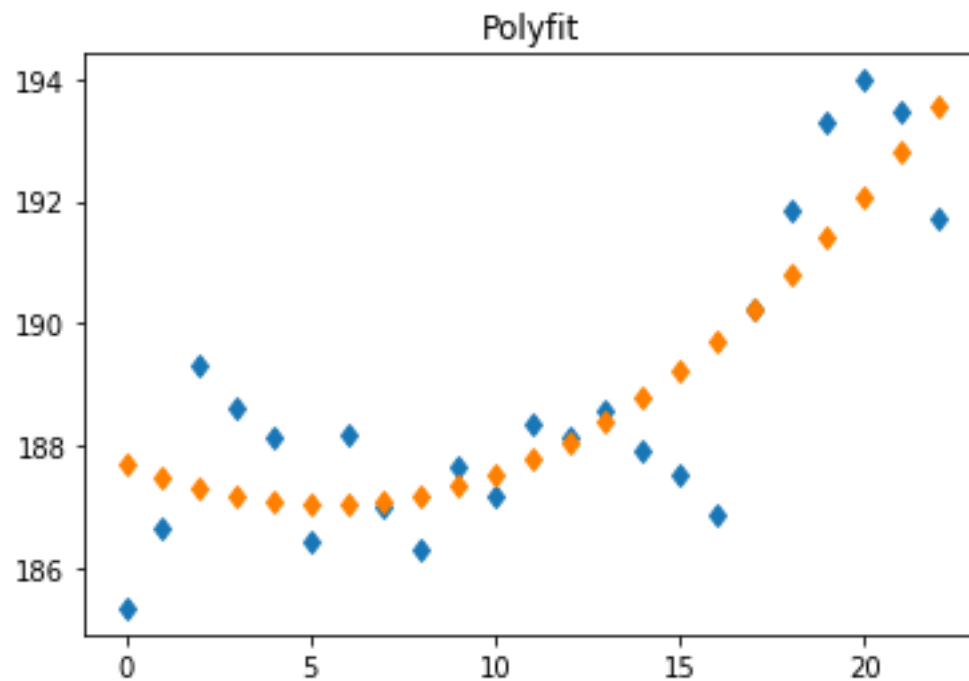
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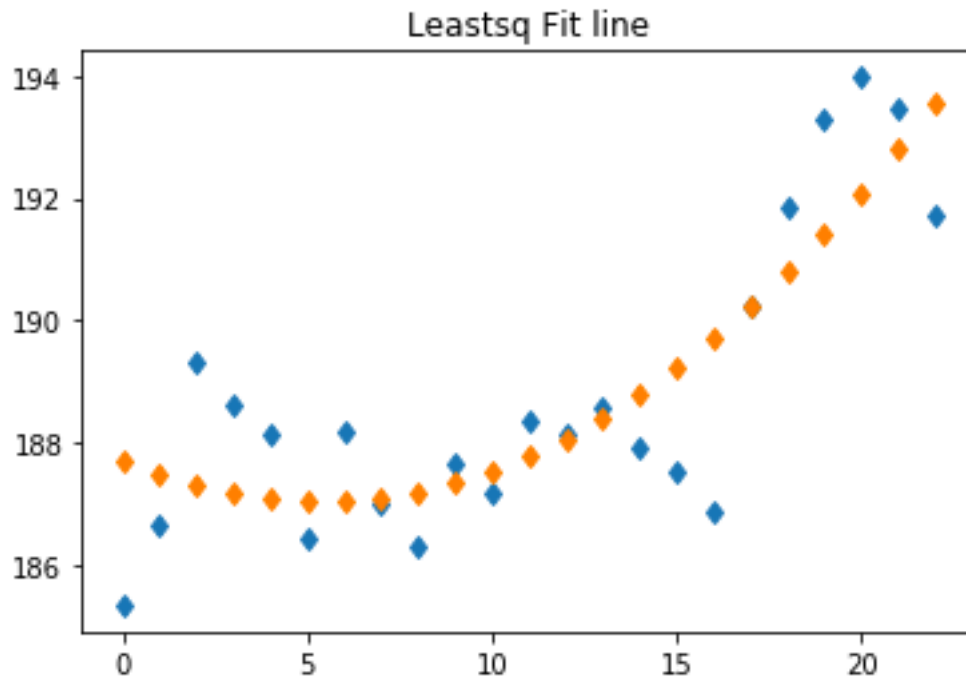
Stock Succesfully Downloaded



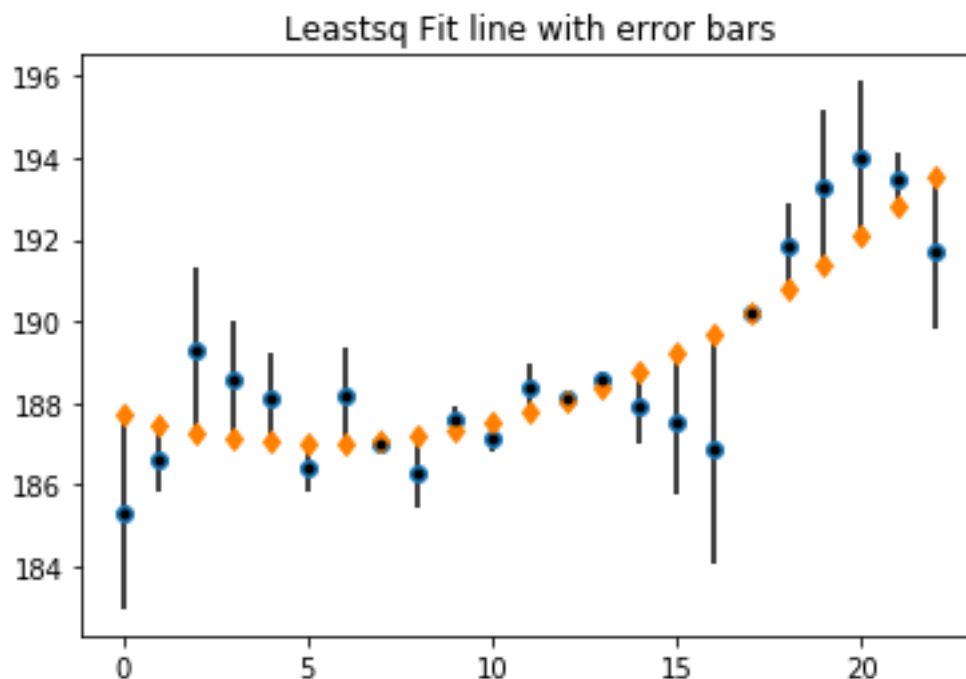




```
[ 2.37136401e-02 -2.55189782e-01  1.87703712e+02]
Quadratic Equation:  0.02371364008821475 x2
-0.25518978159723904 x +  187.70371167866378
Estimates from leastsq
[ 2.37136401e-02 -2.55189782e-01  1.87703712e+02] 2
number of function calls = 3
Estimates from leastsq
[ 2.37136432e-02 -2.55189856e-01  1.87703712e+02] 1
number of function calls = 9
```



[2.3683849759984525, 0.8319307631985566, -2.0218111631019724, -1.438430802903099, -1.0876231562048986, 0.5806017769926939, -1.1537290033103318, 0.08934650288603052, 0.869868295581739, -0.30219662522318913, 0.36317374047129647, -0.5940266073348539, -0.0937956686416328, -0.18615244344906046, 0.878934068242927, 1.7114338664342768, 2.821371951125002, -0.02127767768490685, -1.0364870199954623, -1.8942680758066217, -1.8946238451183888, -0.6575653279308256, 1.866941475756164]




```
In [10]: runfile('/Users/w0l/Downloads/Project01V2.py', wdir='/Users/w0l/Downloads')
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Type the symbol of the stock you want to analyse:

googls

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Invalid Stock Symbol

Choose a valid option.

Press Enter

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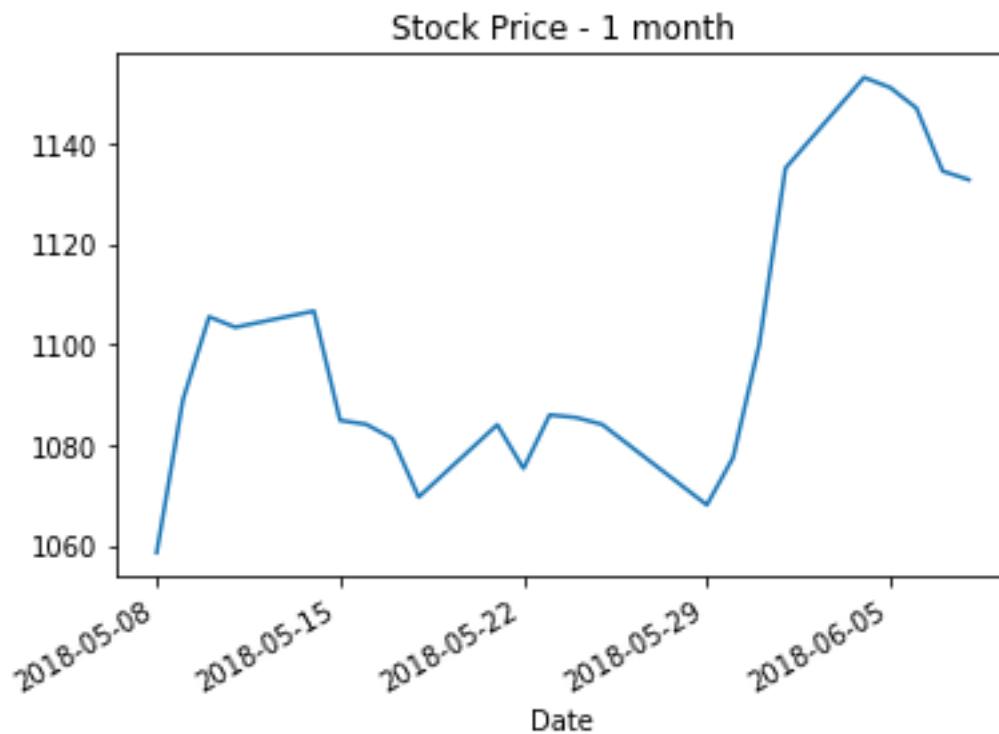
Type the symbol of the stock you want to analyse:

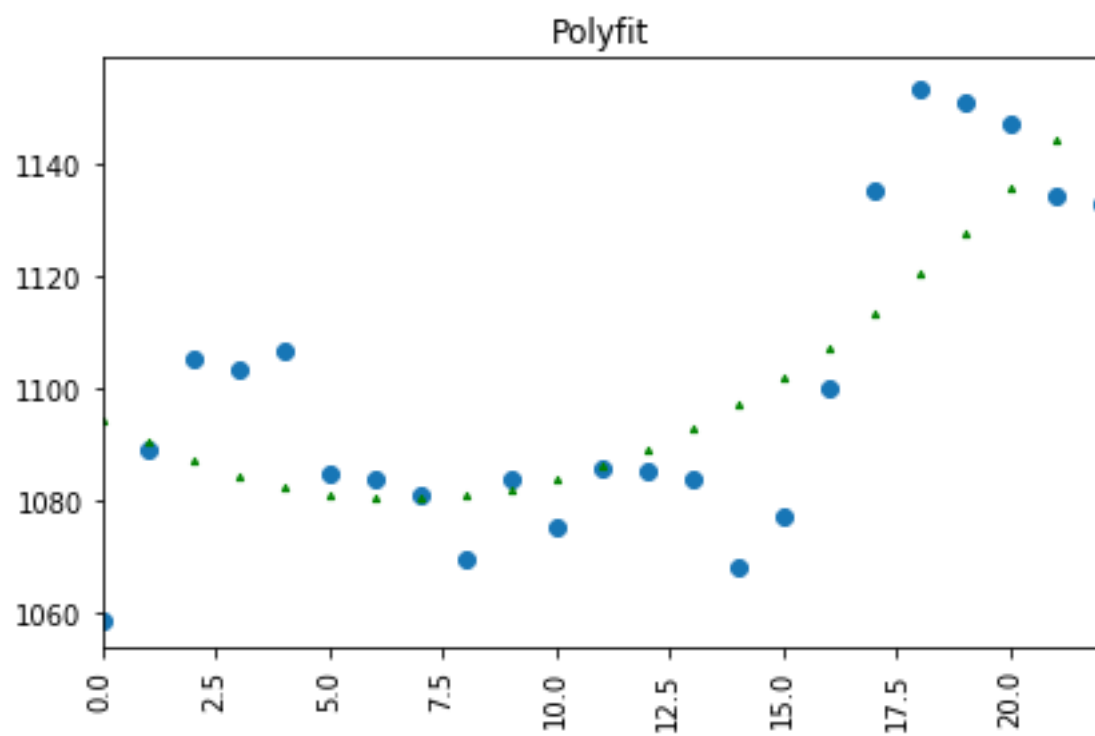
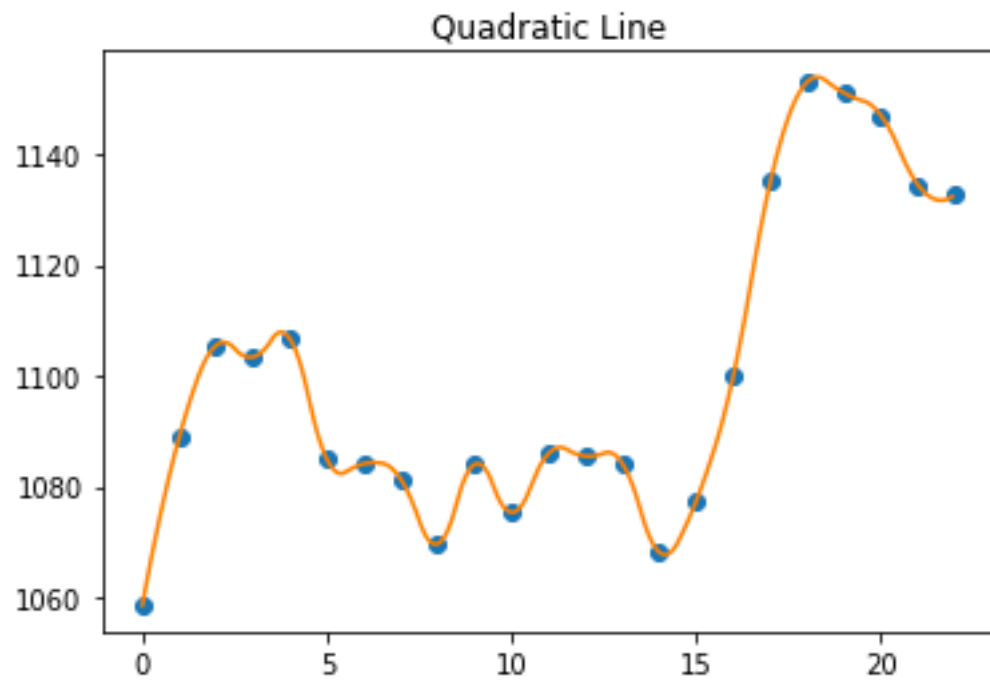
googl

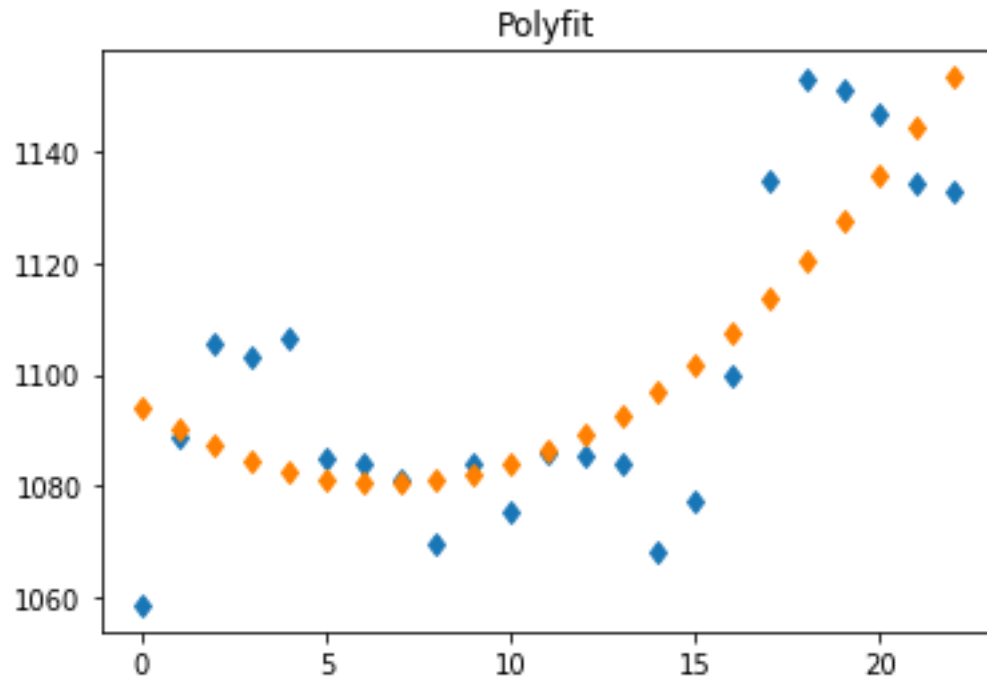
[*****100%*****] 1 of 1

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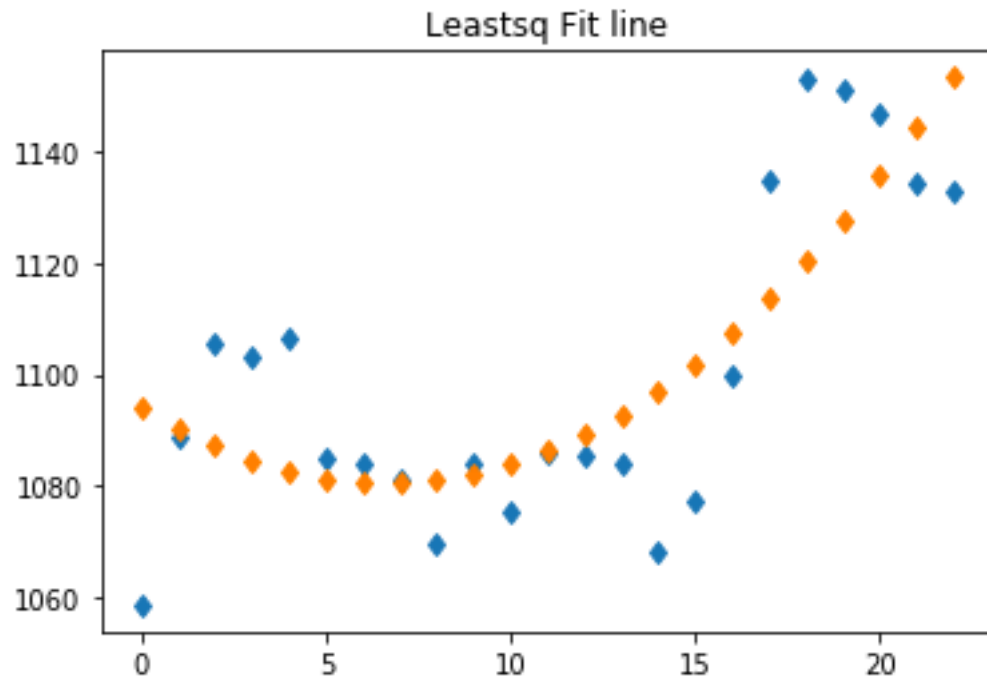
Stock Succesfully Downloaded



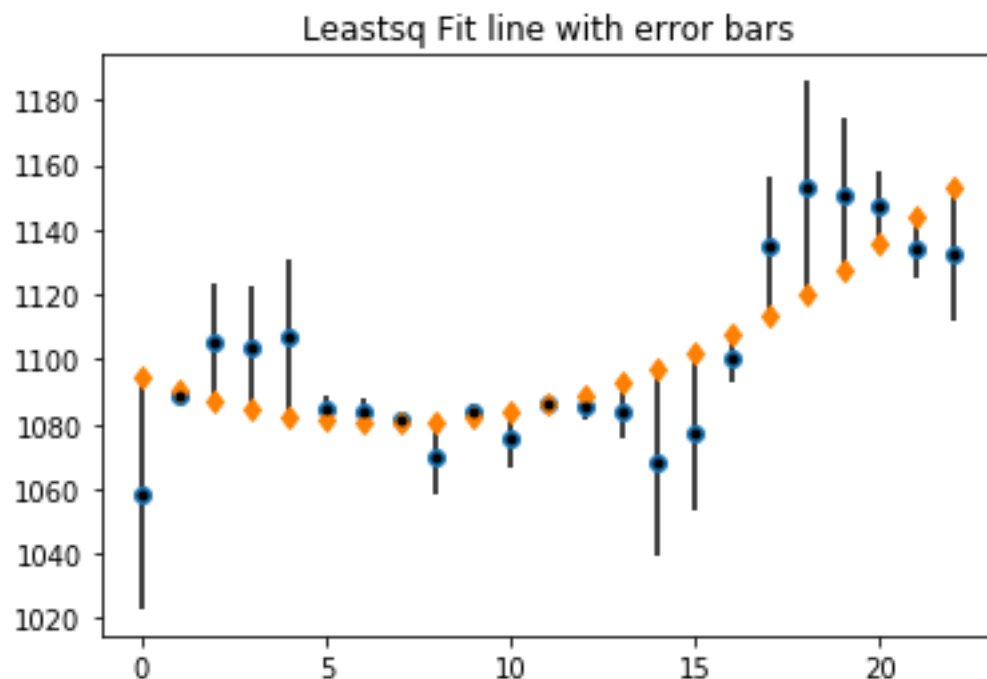




```
[ 3.11266997e-01 -4.15984934e+00  1.09424015e+03]
Quadratic Equation:  0.31126699652588463 x2  -4.159849341600176
x + 1094.240145898033
Estimates from leastsq
[ 3.11266997e-01 -4.15984934e+00  1.09424015e+03] 3
number of function calls = 3
Estimates from leastsq
[ 3.11266997e-01 -4.15984928e+00  1.09424015e+03] 1
number of function calls = 9
```



```
[35.65017989803596, 1.4416126131766305, -18.304455678630575,
-18.818003977386297, -24.018955283090236, -3.64742059574246,
-3.6033039153430764, -0.8867262418916653, 11.242424424611272,
-1.9958809158338227, 8.458293736772703, 0.18514938243083634,
3.694451021140594, 8.686271652902406, 28.94064127771594,
24.407509895581143, 7.366908506498021, -21.521129889533313,
-32.82667329251285, -23.449624702440587, -11.399992119316721,
9.73201245685891, 20.666727026086164]
```



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In [11]:
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