Data Science Gallery 3

Justin Skycak

July 13, 2016

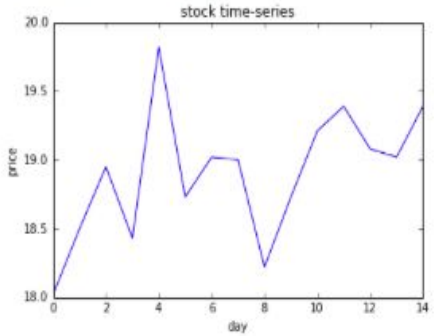
Uploading Images from Notebooks

```
In [6]: # setup
        import pandas as pd
        import matplotlib.pyplot as plt
        %matplotlib inline
        from gd_notebook_integration import *

In [2]: # load data
        mydata = pd.read_csv("mydata.csv")

In [3]: # make graph
        mygraph = plt.figure()
        plt.plot(mydata["day"],mydata["price"])
        plt.xlabel("day")
        plt.ylabel("price")
        plt.title("stock time-series")

Out[3]: <matplotlib.text.Text at 0x1147c3dd0>
```




```
In [4]: # upload
        upload_img_to_gd(img=mygraph,
                    img_title="Stock Time-Series",
                    author="Confucius",
                    notebook="notebook.ipynb",
                    gd_path="~/Desktop/graphdash/",
                    data_filename="mydata.csv",
                    keywords=["stock","price","time-series"],
                    cell_nums=[3],
                    description="Fool say, timing. But Confucius say, *patience*.")
```

`upload_img_to_gd` uploads the image, data, and metadata to your GraphDash folder while you stay in your notebook

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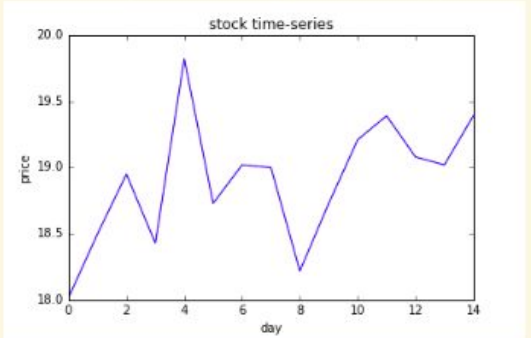

Stock Time-Series

(uploaded 2016-07-17 12:58 by Confucius)

Fool say, timing. But Confucius say, *patience*.

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Tags: #price #stock #time-series

Notebook Integration - Downloading

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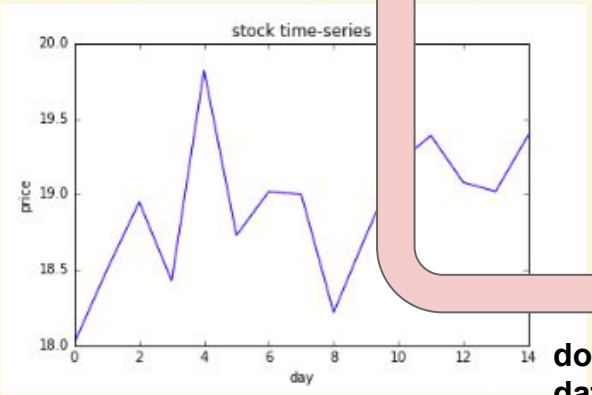

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download data file

```
day,price
0,18.02
1,18.50
2,18.95
3,18.43
4,19.82
5,18.73
6,19.02
7,19.00
8,18.22
9,18.73
10,19.21
11,19.39
12,19.08
13,19.02
14,19.39
```

copy code and paste into notebook

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Out[ ]: <matplotlib.text.Text at 0x1147c3dd0>