

```
1 !wget https://mettl-arq.s3-ap-southeast-1.amazonaws.com/questions/jp-morgan/c
```

```
➤ --2020-09-27 13:34:17-- https://mettl-arq.s3-ap-southeast-1.amazonaws.com/
Resolving mettl-arq.s3-ap-southeast-1.amazonaws.com (mettl-arq.s3-ap-southe
Connecting to mettl-arq.s3-ap-southeast-1.amazonaws.com (mettl-arq.s3-ap-sc
HTTP request sent, awaiting response... 200 OK
Length: 1121 (1.1K) [text/csv]
Saving to: 'Q1_Data.csv.2'
```

```
Q1_Data.csv.2      100%[=====>]    1.09K  --.-KB/s    in 0s
```

```
2020-09-27 13:34:18 (70.1 MB/s) - 'Q1_Data.csv.2' saved [1121/1121]
```

```
1 import pandas as pd
2 import numpy as np
3 import matplotlib.pyplot as plt
4 from scipy.interpolate import interp1d
```

```
1 dataframe = pd.read_csv('/content/data.csv')
```

```
1 dataframe.head()
```

```
➤
```

	Date	Price	Dates
0	10/31/2020	520.349403	2020-10-31
1	11/30/2020	524.764215	2020-11-30
2	12/31/2020	574.740259	2020-12-31
3	1/31/2021	602.355246	2021-01-31
4	2/28/2021	593.415544	2021-02-28

```
1 numpoints = dataframe['Date'].size
2 print(numpoints)
3 months = [i for i in range(numpoints)]
4 prices = dataframe['Price']
```

```
➤ 48
```

```
1 print(len(prices))
2 print(len(months))
```

```
➤ 48
48
```

```
1 plt.plot(months, prices)
```

