

# Plot\_Different\_Charts\_for\_Trading

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## 1 Plot Different type of Charts for Trading

### 1.0.1 Library Created by DanielGoldfarb

<https://github.com/matplotlib/mplfinance>

<https://www.stockcharts.com/freecharts/>

```
[1]: import mplfinance as mpl

import warnings
warnings.filterwarnings("ignore")

# yahoo finance is used to fetch data
import yfinance as yf
yf.pdr_override()
```

```
[2]: symbol = 'AMD'
start = '2020-09-01'
end = '2020-11-03'
```

```
[3]: df = yf.download(symbol,start,end)
```

```
[*****100%*****] 1 of 1 completed
```

```
[4]: df.head()
```

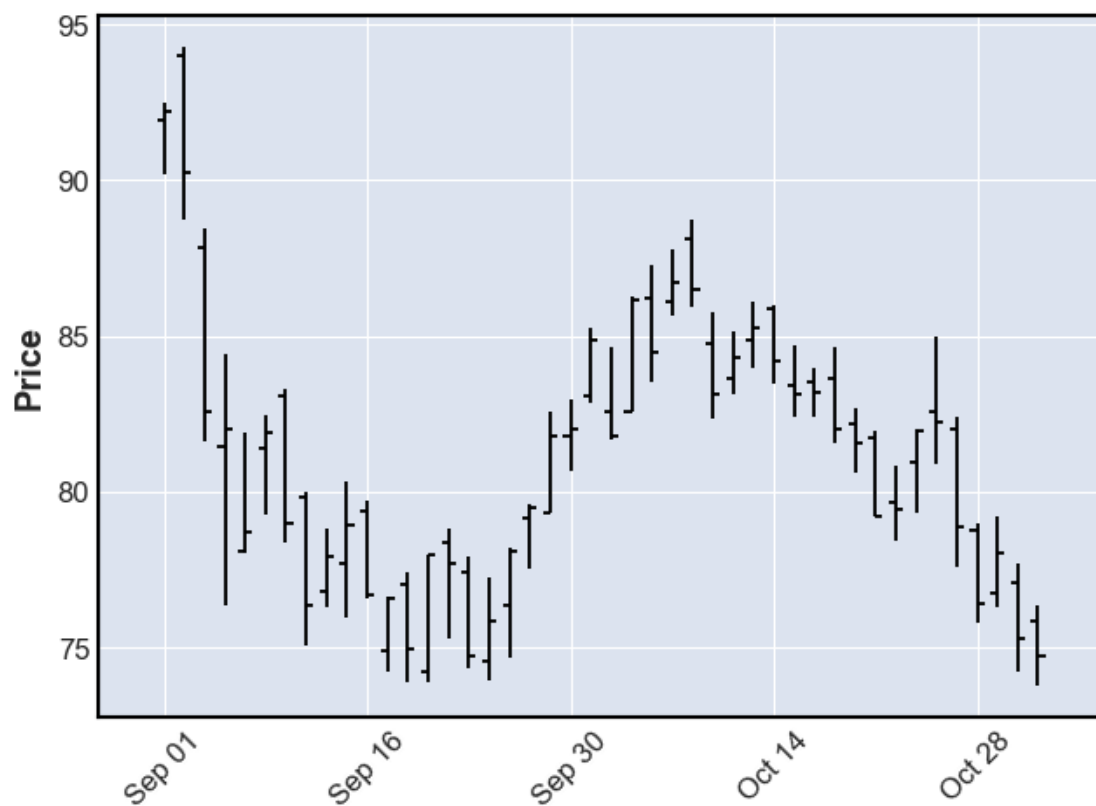
```
[4]:
```

|            | Open      | High      | Low       | Close     | Adj Close | Volume   |
|------------|-----------|-----------|-----------|-----------|-----------|----------|
| Date       |           |           |           |           |           |          |
| 2020-09-01 | 91.919998 | 92.510002 | 90.190002 | 92.180000 | 92.180000 | 56117100 |
| 2020-09-02 | 94.010002 | 94.279999 | 88.739998 | 90.220001 | 90.220001 | 50366900 |
| 2020-09-03 | 87.839996 | 88.470001 | 81.589996 | 82.540001 | 82.540001 | 87462700 |
| 2020-09-04 | 81.449997 | 84.389999 | 76.330002 | 82.010002 | 82.010002 | 82267800 |
| 2020-09-08 | 78.050003 | 81.879997 | 78.000000 | 78.690002 | 78.690002 | 54955700 |

### 1.1 Bar Charts

[https://school.stockcharts.com/doku.php?id=chart\\_analysis:what\\_are\\_charts](https://school.stockcharts.com/doku.php?id=chart_analysis:what_are_charts)

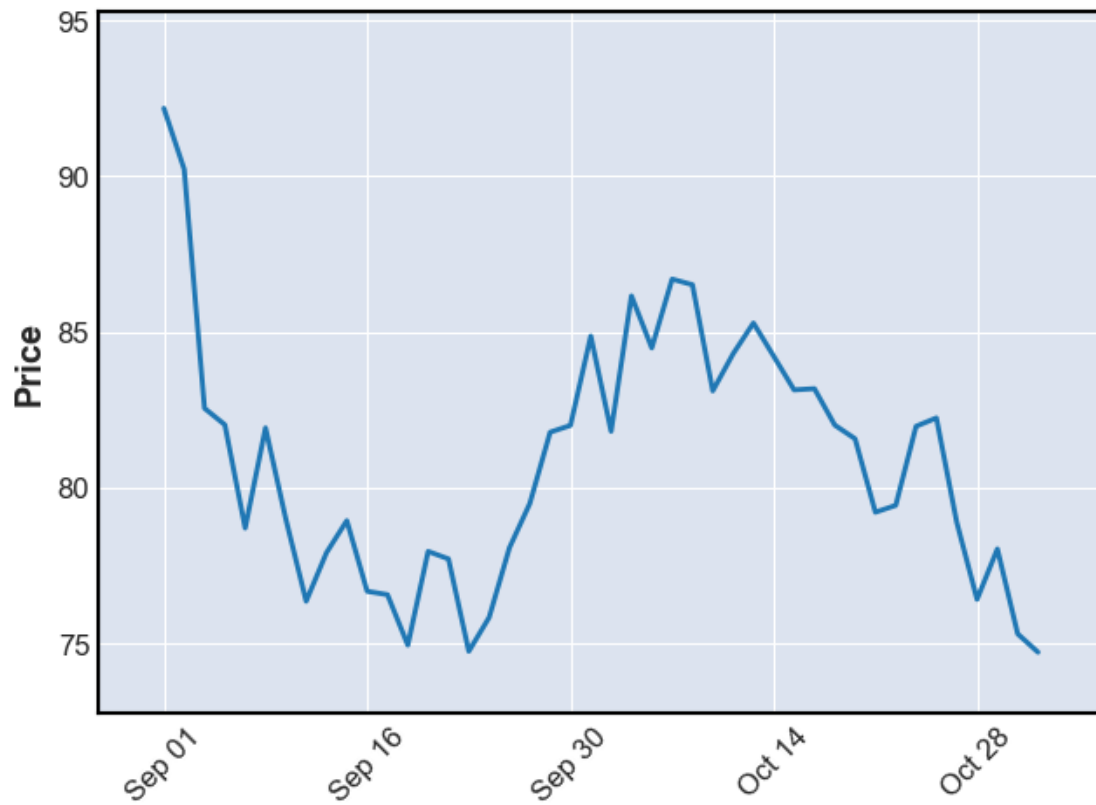
```
[5]: mpl.plot(df)
```



## 1.2 Line Charts

[https://school.stockcharts.com/doku.php?id=chart\\_analysis:what\\_are\\_charts](https://school.stockcharts.com/doku.php?id=chart_analysis:what_are_charts)

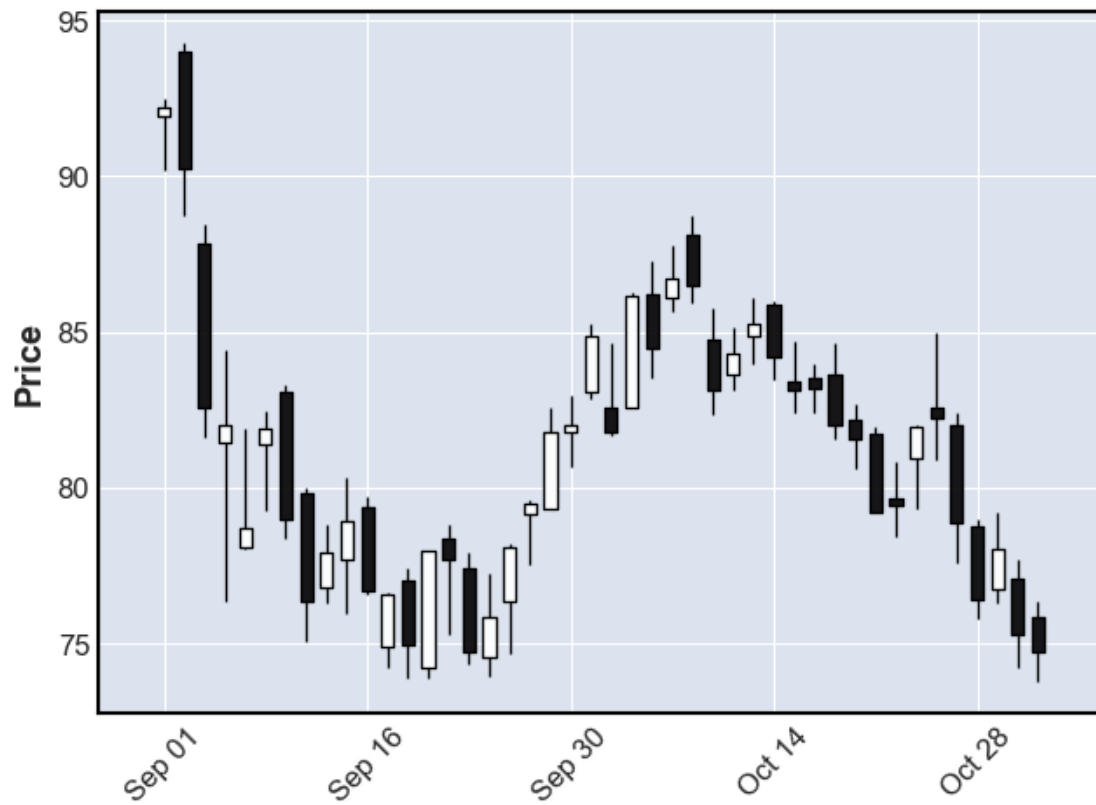
```
[6]: mpl.plot(df, type='line')
```



### 1.3 Candlestick Charts

[https://school.stockcharts.com/doku.php?id=chart\\_analysis:introduction\\_to\\_candlesticks](https://school.stockcharts.com/doku.php?id=chart_analysis:introduction_to_candlesticks)

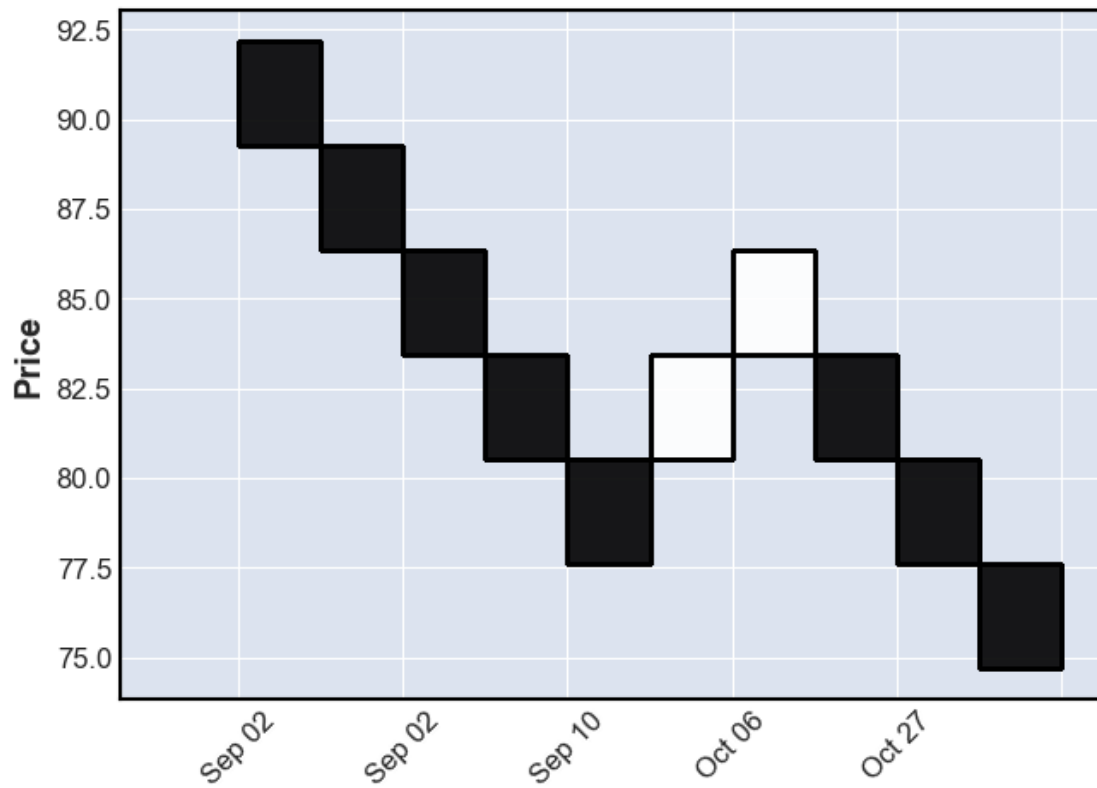
```
[7]: mpl.plot(df, type='candle')
```



## 1.4 Renko Charts

[https://school.stockcharts.com/doku.php?id=chart\\_analysis:renko](https://school.stockcharts.com/doku.php?id=chart_analysis:renko)

```
[8]: mpl.plot(df, type='renko')
```



## 1.5 Point and Figure Charts

[https://school.stockcharts.com/doku.php?id=chart\\_analysis:pnf\\_charts](https://school.stockcharts.com/doku.php?id=chart_analysis:pnf_charts)

```
[9]: mpl.plot(df, type='pnf')
```

