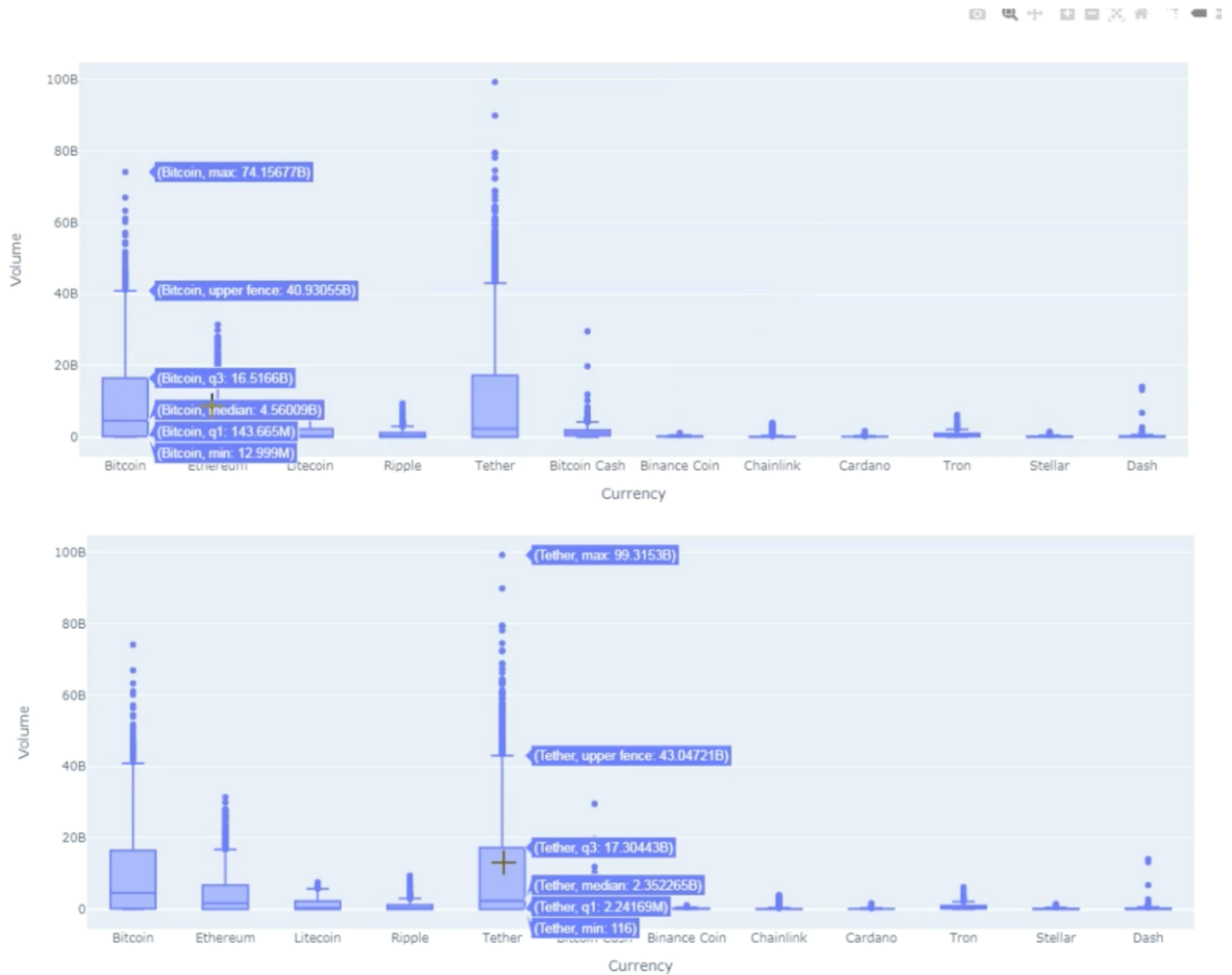


Module 20 | Team Project | Bitcoin 30days ML Prediction - Visualization

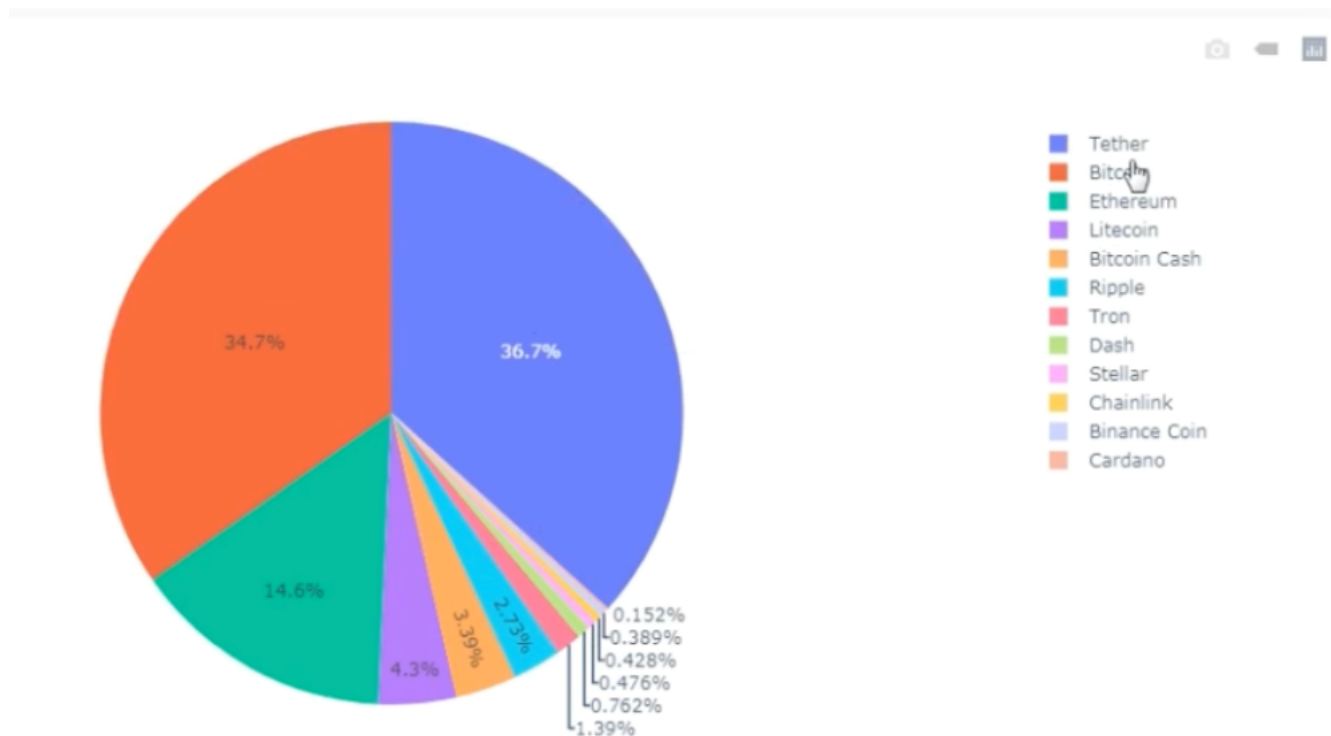
Table Chart of all Cryptocurrencies:

Date	Open	High	Low	Close	Adj Close	Volume	Currency
10/1/2015	236.00400000000002	238.445	235.61599999999999	237.549	237.549	20488800	Bitcoin
10/2/2015	237.264	238.541	236.60299999999998	237.293	237.293	19677900	Bitcoin
10/3/2015	237.202	239.315	236.94400000000002	238.73	238.73	16482700	Bitcoin
10/4/2015	238.53099999999998	238.968	237.94	238.25900000000001	238.25900000000001	12999000	Bitcoin
10/5/2015	238.14700000000002	240.38299999999998	237.035	240.38299999999998	240.38299999999998	23335900	Bitcoin
10/6/2015	240.364	246.935	240.136	246.063	246.063	27535100	Bitcoin
10/7/2015	246.17	246.68099999999998	242.585	242.96900000000002	242.96900000000002	22999200	Bitcoin
10/8/2015	243.075	244.25099999999998	242.179	242.304	242.304	18515300	Bitcoin
10/9/2015	242.498	244.22799999999998	242.122	243.93099999999998	243.93099999999998	17353100	Bitcoin
10/10/2015	243.74	245.31900000000002	243.074	244.94099999999997	244.94099999999997	15912700	Bitcoin

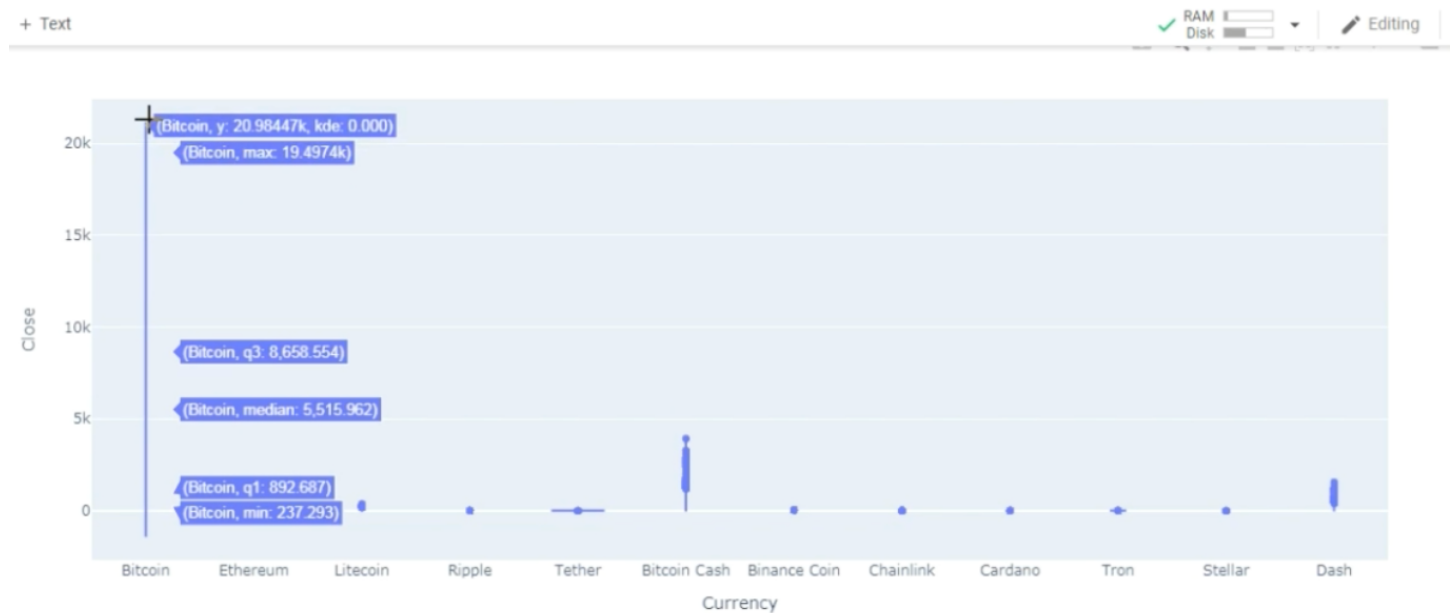
Box chart:



Pie chart:

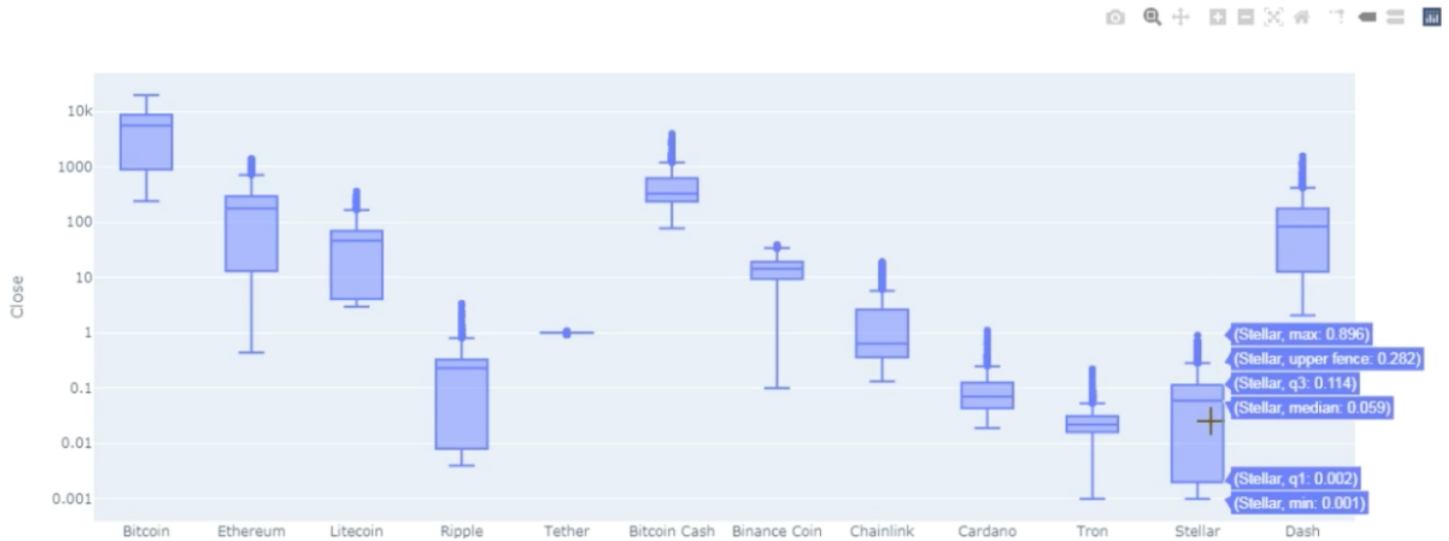


Violin Plot: Analyzing Price

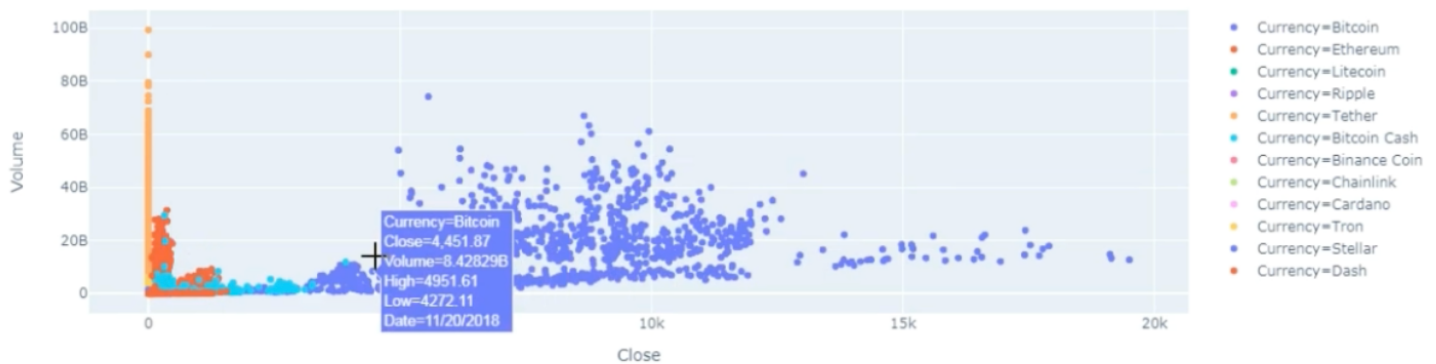


Box plot: Analyzing Price

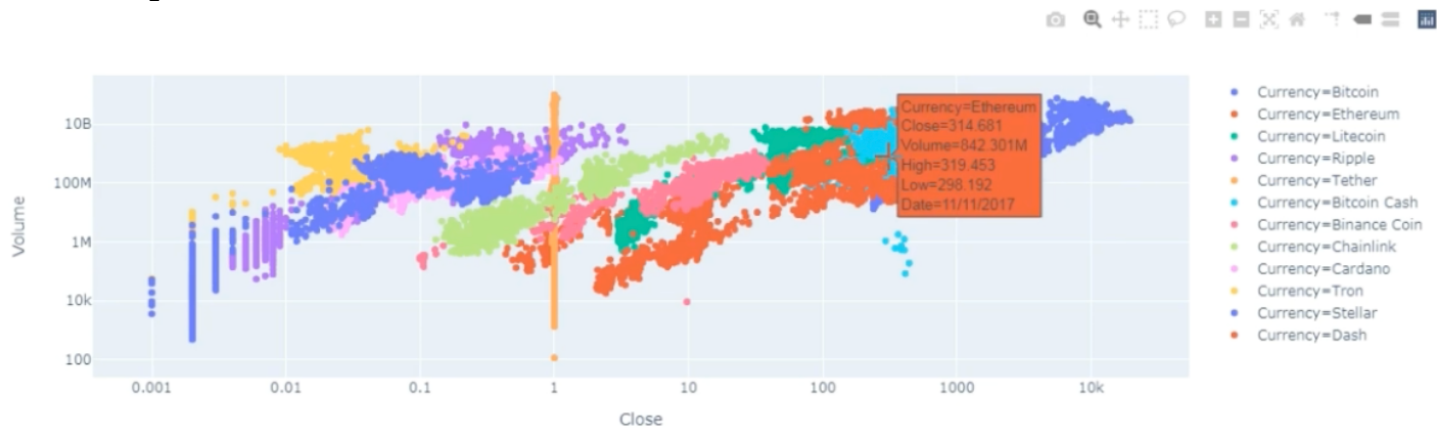
```
px.box(df, x="Currency", y='Close', log_y=True)
```



Scatter plot: data is skewed

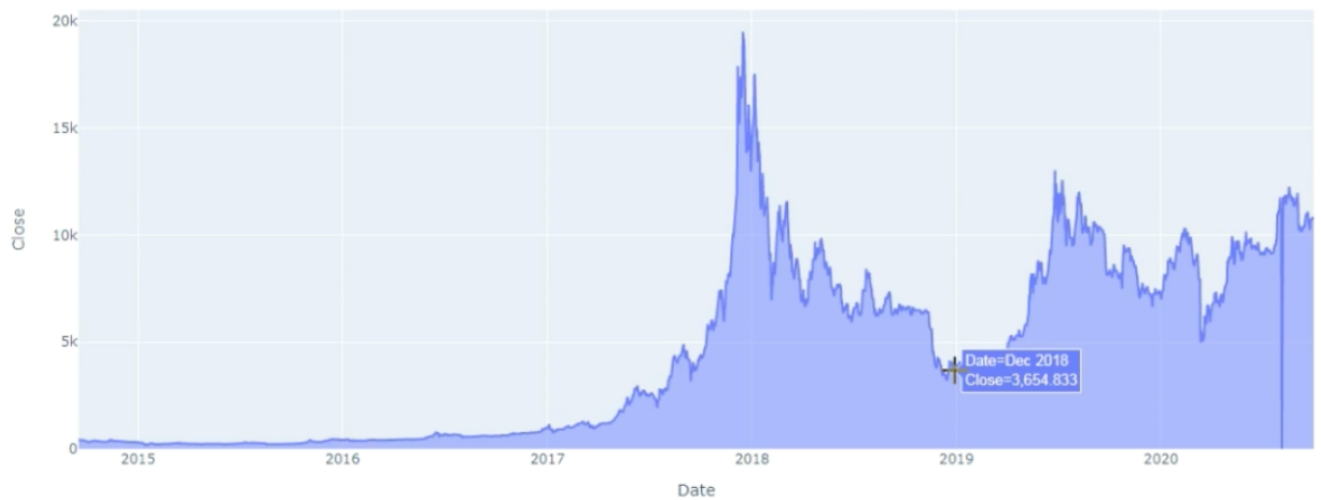
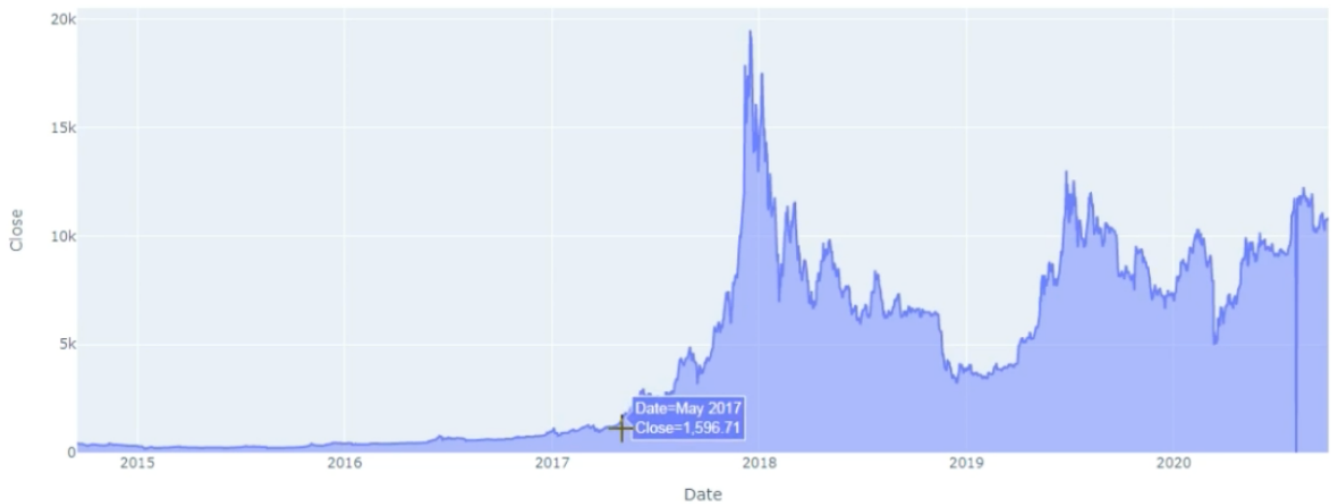


Scatter plot 2: data is visible

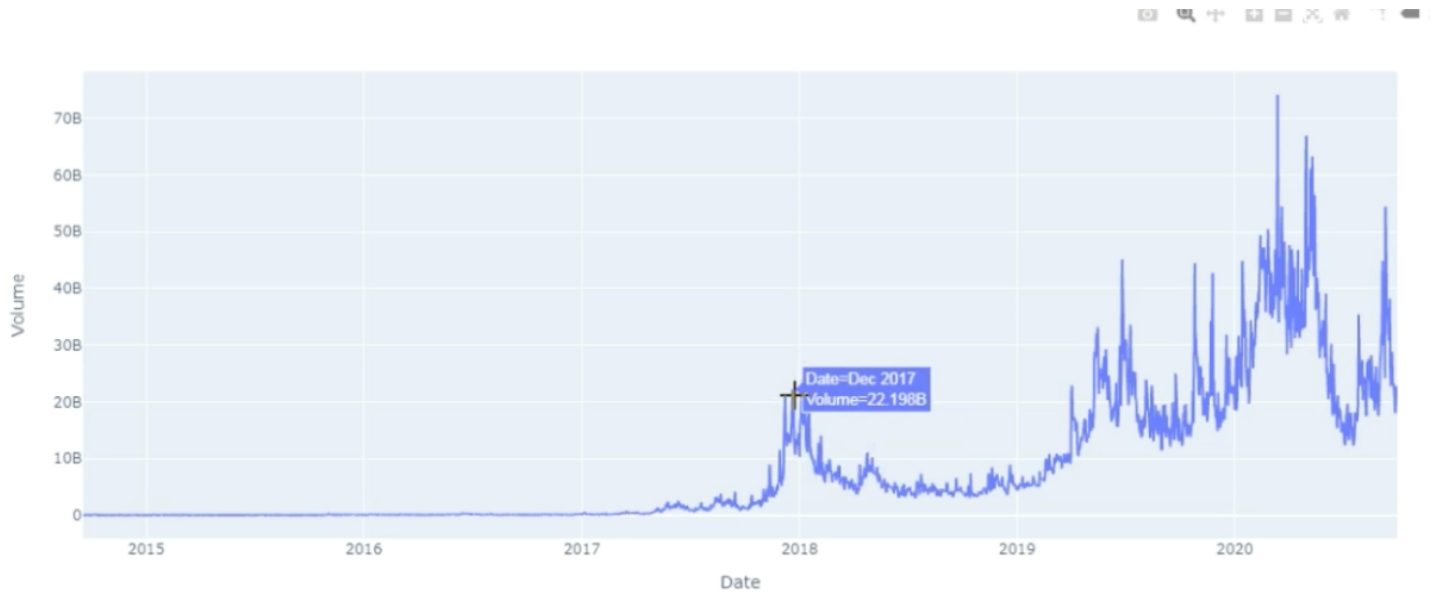


BITCOIN SPECIFIC VISUALIZATION

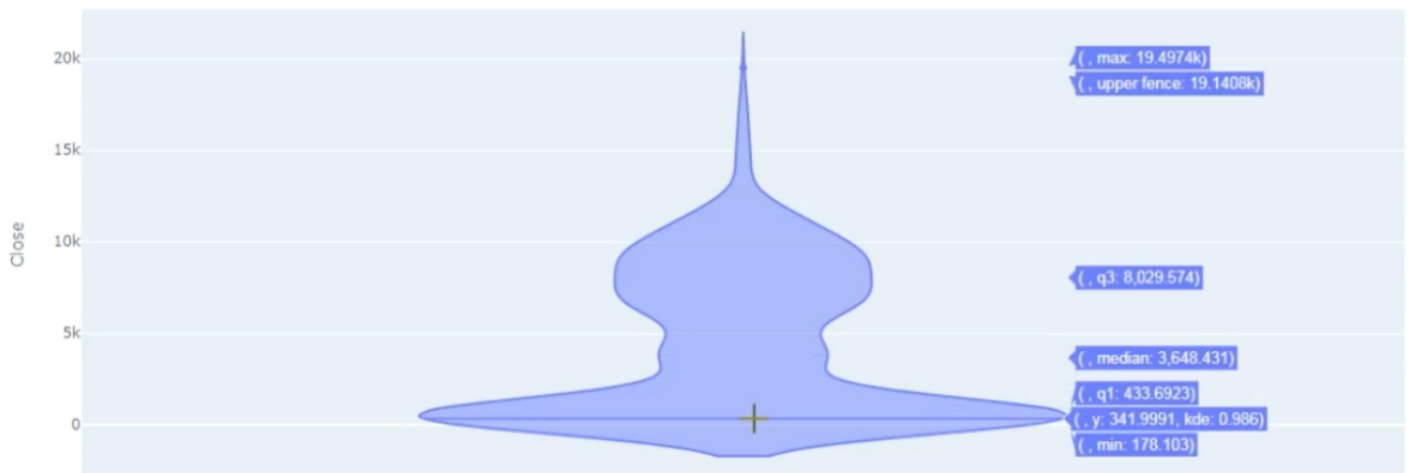
Bitcoin area graph:



Bitcoin Line graph:



Bitcoin Violin plot: analyze the price

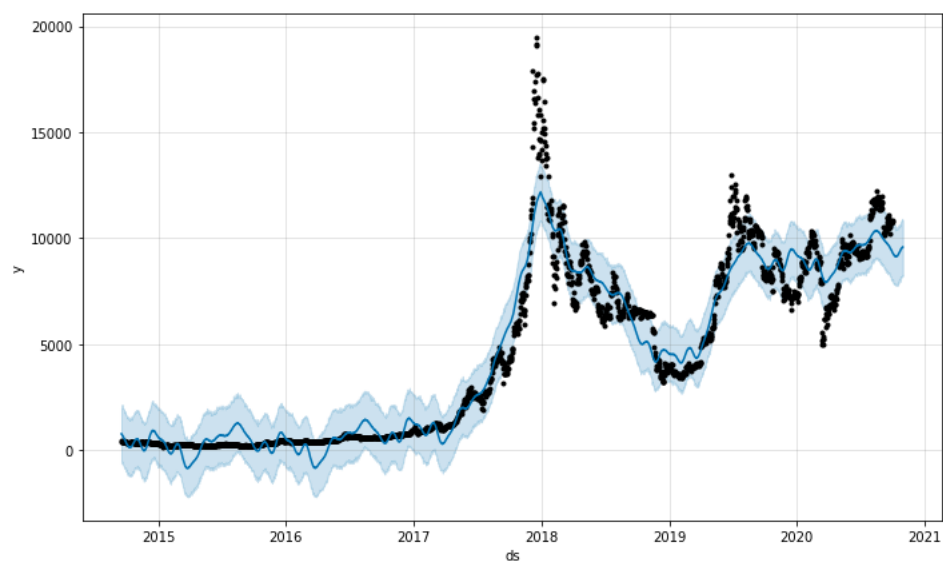


Bitcoin Candlestick Charts: mostly used by day-traders





```
# visualize our prediction  
figure= m.plot(forecast, xlabel='ds', ylabel= 'y')
```




```
figure2= m.plot_components(forecast)
```

