

BHARTI AIRTEL STOCK ANALYSIS

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OBJECTIVE

To analysis the share prices of Bharti Airtel.

To plot open and closing rates.

To analysis the data from 01/01/2017 to 24/07/2019



The start and end for Analysis Purpose.

```
start=datetime.datetime(2017,1,1)
```

```
end=datetime.datetime(2019,7,24)
```

Loaded bharti airtel Share list from yahoo. The codes are

```
Bharti_airtel= web. DataReader("Bharti_airtel.ns",'yahoo',start,end)
```

```
Bharti_airtel
```



High	Low	Open	Close	Volume	Adj Close	
Date						
2017-01-02	286.471985	278.299988	278.299988	285.553009	1612972.0	278.237366
2017-01-03	288.261993	275.454010	286.425995	279.539001	3225790.0	272.377441
2017-01-04	289.410004	274.673004	277.657013	288.216003	5669757.0	280.832153
2017-01-05	296.571991	284.681000	287.528015	294.826996	4189622.0	287.273773





FINDING DIFF. OF CLOSING AND OPENING PRICE.

`BHARTI_AIRTEL["DIFF"] = BHARTI_AIRTEL.OPEN -
BHARTI_AIRTEL.CLOSE`

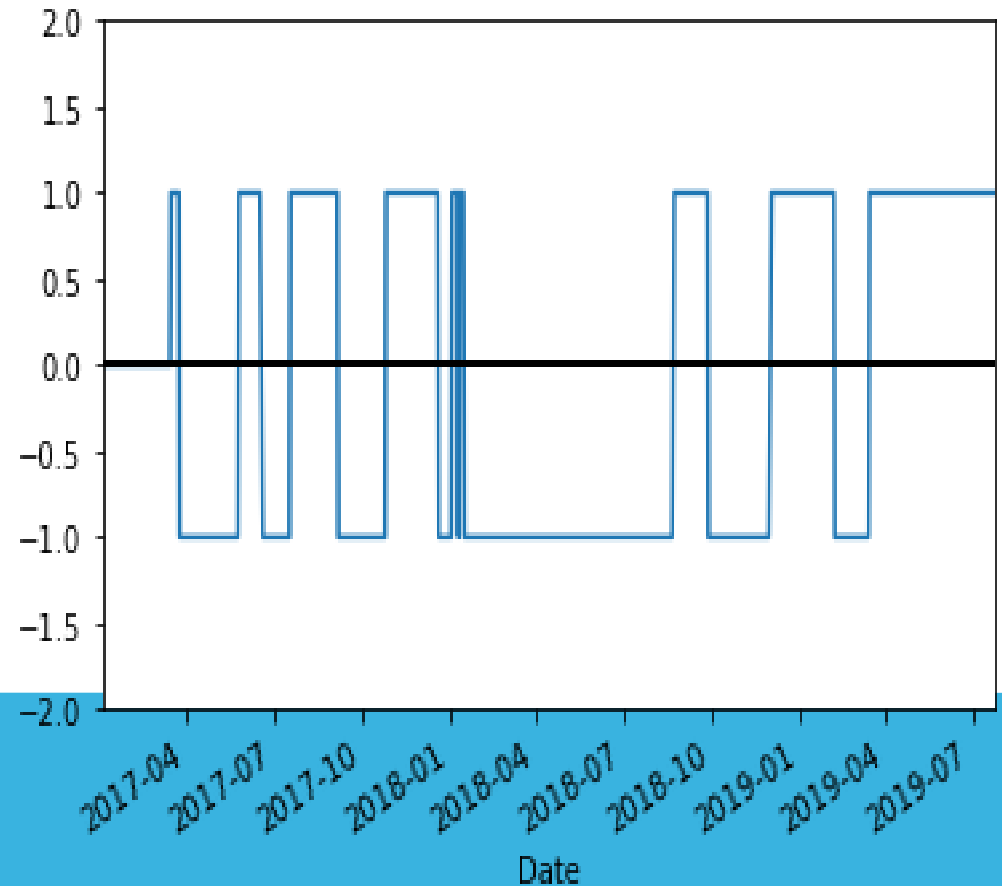
`BHARTI_AIRTEL["DIFF"]`

Date

2017-01-02	-7.253021
2017-01-03	6.886993
2017-01-04	-10.558990
2017-01-05	-7.298981
2017-01-06	-0.551025

**WE HAVE 1'S FOR BULLISH REGIMES AND 0'S FOR EVERYTHING ELSE
BELOW I REPLACE BEARISH REGIMES'S
VALUES WITH -1**

-1	320
1	264
0	49



**CREATED A DATAFRAME WITH TRADES,
INCLUDING THE PRICE AT THE TRADE
AND THE REGIME UNDER WHICH THE
TRADE IS MADE.**



Price	Regime	Signal	
Date			
2017-03-15	324.938477	1	Buy
2017-03-24	304.630432	-1	Sell
2017-05-25	331.649017	1	Buy
2017-06-19	328.786285	-1	Sell
2017-07-18	366.292175	1	Buy
2017-09-06	361.089325	-1	Sell
2017-10-26	458.695740	1	Buy
2017-12-20	474.485046	-1	Sell
2018-01-03	464.885406	1	Buy
2018-01-10	454.299927	-1	Sell
2018-01-11	461.790100	1	Buy
2018-01-16	446.090668	-1	Sell
2018-08-23	336.572449	1	Buy
2018-09-28	308.046906	-1	Sell
2018-12-03	293.588013	1	Buy
2019-02-07	285.691010	-1	Sell
2019-03-15	310.069000	1	Buy
2019-07-25	340.000000	1	Sell

THANK YOU

