



Splunk Mini Projects

Splunk-ing Nifty data(Stock market data)

100Days of Splunk

Inventsekar - SplunkTrust

<https://www.youtube.com/@100daysofsplunk>

1) Step 1 - Download the Nifty Dataset

<https://www.nseindia.com/reports-indices-historical-index-data>

(or, the csv file is uploaded to my github as well)

Pls note - only 1 year data can be downloaded.

If you need more, then download old data and combine the csv file manually.

2) Upload the csv file to Splunk

3) Start searching.. check and verify the csv file uploaded

```
source="NIFTY.csv" host="laptop" sourcetype="csv"
```

4) The table command

```
source="NIFTY.csv" host="laptop" sourcetype="csv" | eval Diff = High - Low | table Date  
Diff High Low Open Close
```

5) The reverse command

```
source="NIFTY.csv" host="laptop" sourcetype="csv" | reverse | table Date Close
```

6) Find the date in which the max change happened in Nifty

- 7) Add a lookup file with important dates and basic info
- 8) For example – June 1st week election result
- 9) Use the lookup file and find out which dates given the nifty best volatility
- 10) Post covid, find out how much growth happened in Nifty (find out nifty close-open for last 4/5 years)
- 11) Find out the top 10 Market opening gap-up's and gap downs details