

- Sensex 30 Index Fund:-

Objective

① This is an algorithmic trading project. Its objective is to track the market, and generate returns similar to Sensex 30. → ~~not~~ reshuffles every 6 months

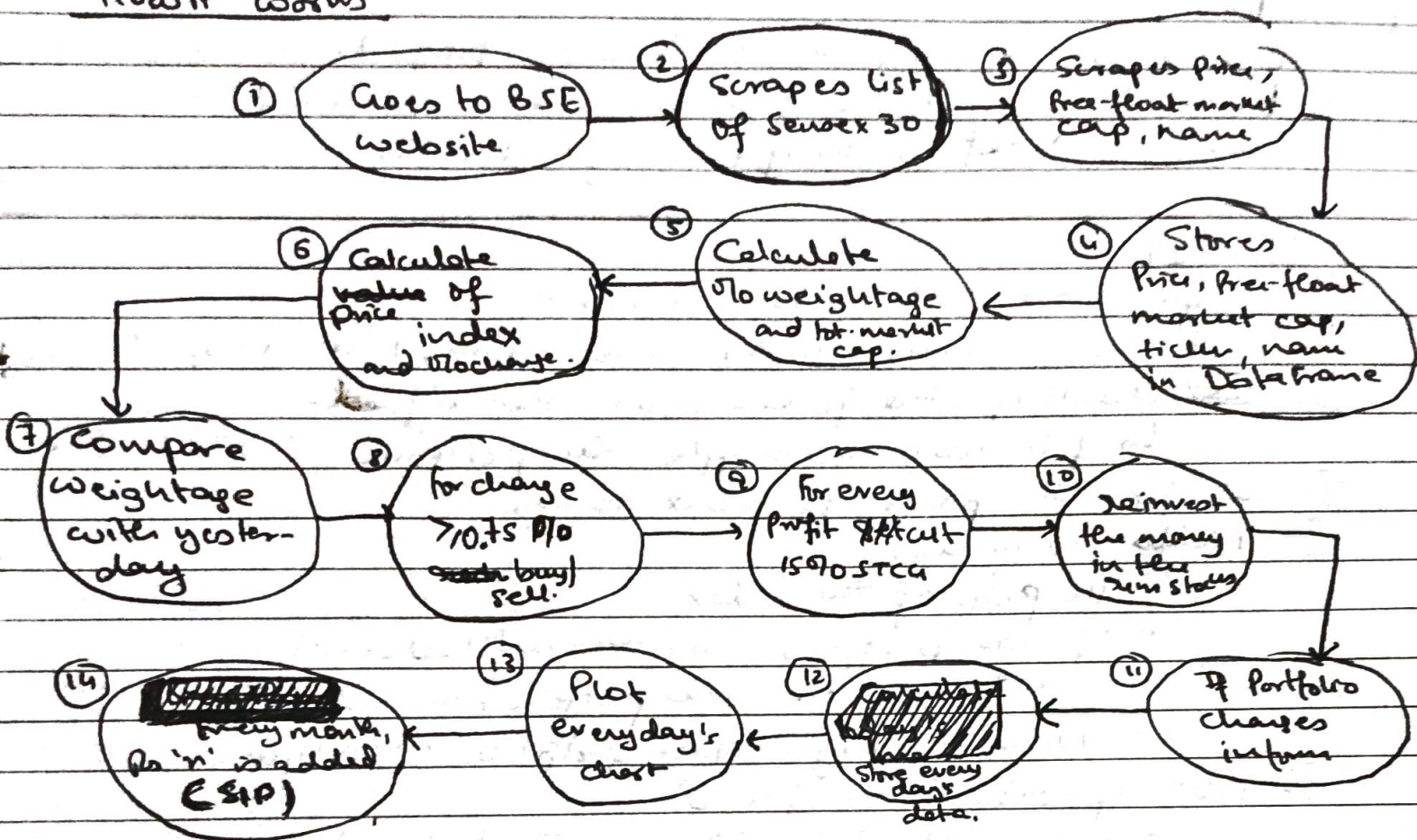
Features:

- ① Scrapes the stocks in Sensex 30
- ② Gets its Name, Ticker Symbol, Price, Market Cap, Flow weight
- ③ ~~Check~~ Check if the index was reshuffled.
 - ↳ If it was, reshuffle the portfolio (STCU Tax)
- ④ Calculates the price of index today
- ⑤ Mails everyday:
 - The price of the index
 - If the portfolio was reshuffled or not
 - ↳ If yes, the new portfolio (in excel format)
 - Num of days since portfolio reshuffle.
- ⑥ GUI (possibly web based):
 - Graph of Sensex 30, since I deploy it
 - My CAGR (since date of deployment)
 - Paper Amount invested
- ⑦ It has a function of SIP which invests according to the weightage.

Classes:

- ① Scraping → list
→ price
- ② Weighting
- ③ ~~Trading~~ Buy/Sell/Market update
- ④ Cash investment
- ⑤ Webpage

How it works



Data to be stored:

① Today:

- Ticker
- Name
- Price
- FF market Cap
- weightage

② Stocks:

- Ticker
- Name
- Price
- FF market Cap
- weightage
- Buy Price
- Q/T
- Date of Buy

③ Cash:

- Cash available
-

④ Sensex

- Price
- Date

{ Observe market weight of companies for a week }