AUTO\_TRADE USING UPSTOX API

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# Classes:

1. Authorization
2. Methods

# Authorization

Authorization is the Namespace created which redirects to the class named as **APIActions.**

**APIActions** is class which includes all the basic methods we need to perform in the process of automation of trading. As it is purely dependent on API’s we have tried to pull all the API methods under the Namespace Authorization.

## Methods:

1. get\_website: returning to the desired authorization website
2. final\_output: returning to the API key.
3. get\_funds: Returning the funds and margin available
4. get\_holdings: Return the holdings available in our trading account
5. get\_short\_holdings: Return short term holdings
6. get\_brokerage: Return Brokerage for the specific transaction
7. get\_quote: Return the current quote of IN number of the script
8. todays\_trade: Return the trades of the day
9. buy\_delivery\_market: Action to buy delivery for a script on market rate
10. buy\_Intraday\_market : Action to buy script as a Intraday on market rate
11. sell\_delivery\_market : Action to sell delivery for a script on market rate
12. sell\_Intraday\_market: Action to sell script as Intraday on market rate
13. create\_folder: creating a folder in laptop
14. convert\_json: convert data in json
15. encode\_symbol: encoding of data
16. GetCandles: Get the candles of specific symbol for specific timerange