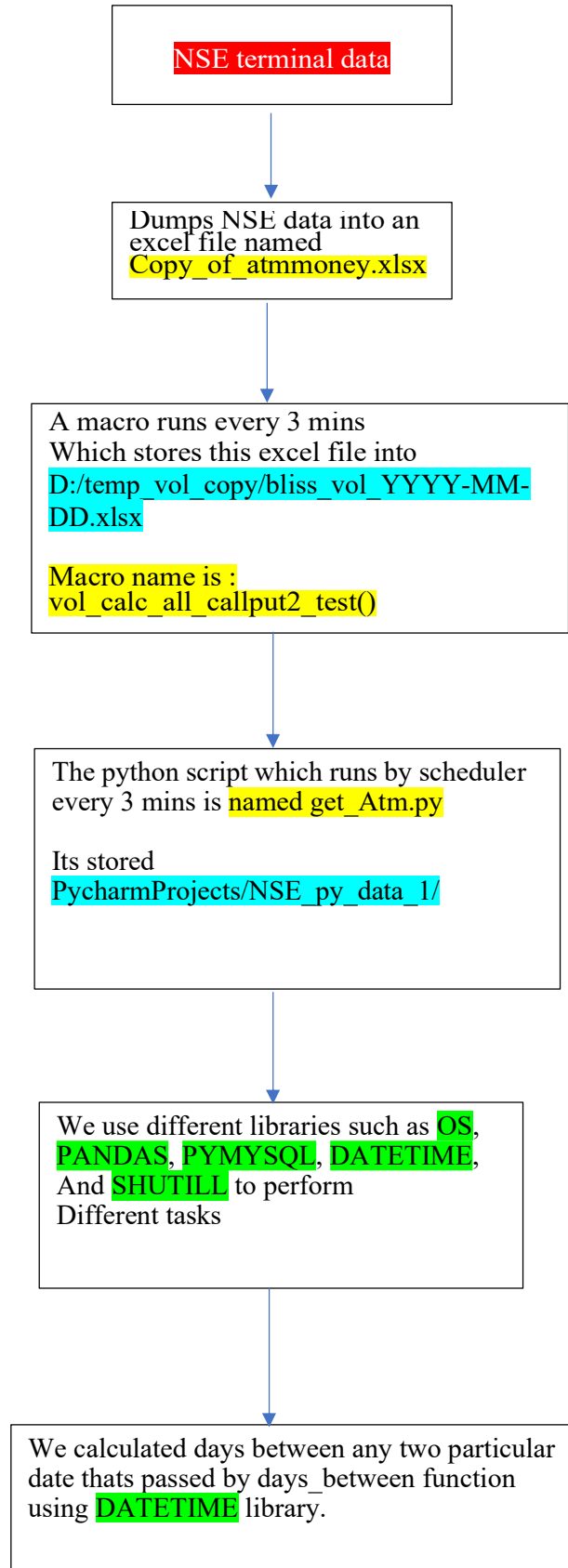


Blissquants Dataflow





- Now we will connect to 2 different databases, One is
 - 1) bliss
 - 2) bliss_vol_all.
 - In bliss database there is 2 different hosts one for
 - 1) intranet
 - 2) internet.
- We connect these databases using **pymysql** library.

AUTOMATION FLOW

In admin access website `all_task.php` page we have added another feature to select day month and year of which we want to get date of NSE bhavcopy

When we click to submit button we are redirected to another php file named `py_bhav.php`

In `py_bhav.php` file we run the python file named `ok.py` with argument as a date, that we have passed through `all_task.php` page.

Using that date argument we generate NSE link to download the bhavcopy.

Using `selenium` module in python we just open the chrome and paste that NSE link. which will download zip file of that date.

After zip file is downloaded from NSE website. We extract the files from zip file using `zipfile` module in python

```
graph TD; A[After extracting the files from zip file we just move the needed file(future and option) to the futures folder.] --> B[To upload data into database we click manually on run yesterday's bhavcopy]; B --> C[After connecting to database we will fetch all excel file from D:/temp_vol_copy/ We will use OS library to fetch all files from this folder. And run a loop for each excel file finding future and options. And we use PANDAS to fetch information , PANDAS is also used to dump information directly to excel.]; C --> D[Now according to future and options we will run another loop to insert into database according to needs such as "OPEN, IV, LastTradedTime, Symbol,vol_nifty,vol_banknifty,OptionType". This all values are inserted into tables which are based on Symbols , these symbols indicate company name. A query is being ran to insert all these values into tables and to execute this query cursor.execute() function.]; D --> E[After all these datas are inserted into database we will copy this excel file into folder named. D:/DontChange/vol_temp/];
```

After extracting the files from zip file we just move the needed file(future and option) to the futures folder.

To upload data into database we click manually on run yesterday's bhavcopy

After connecting to database we will fetch all excel file from D:/temp_vol_copy/
We will use OS library to fetch all files from this folder.
And run a loop for each excel file finding future and options.
And we use PANDAS to fetch information , PANDAS is also used to dump information directly to excel.

Now according to future and options we will run another loop to insert into database according to needs such as "OPEN, IV, LastTradedTime, Symbol,vol_nifty,vol_banknifty,OptionType".
This all values are inserted into tables which are based on Symbols , these symbols indicate company name.
A query is being ran to insert all these values into tables and to execute this query cursor.execute() function.

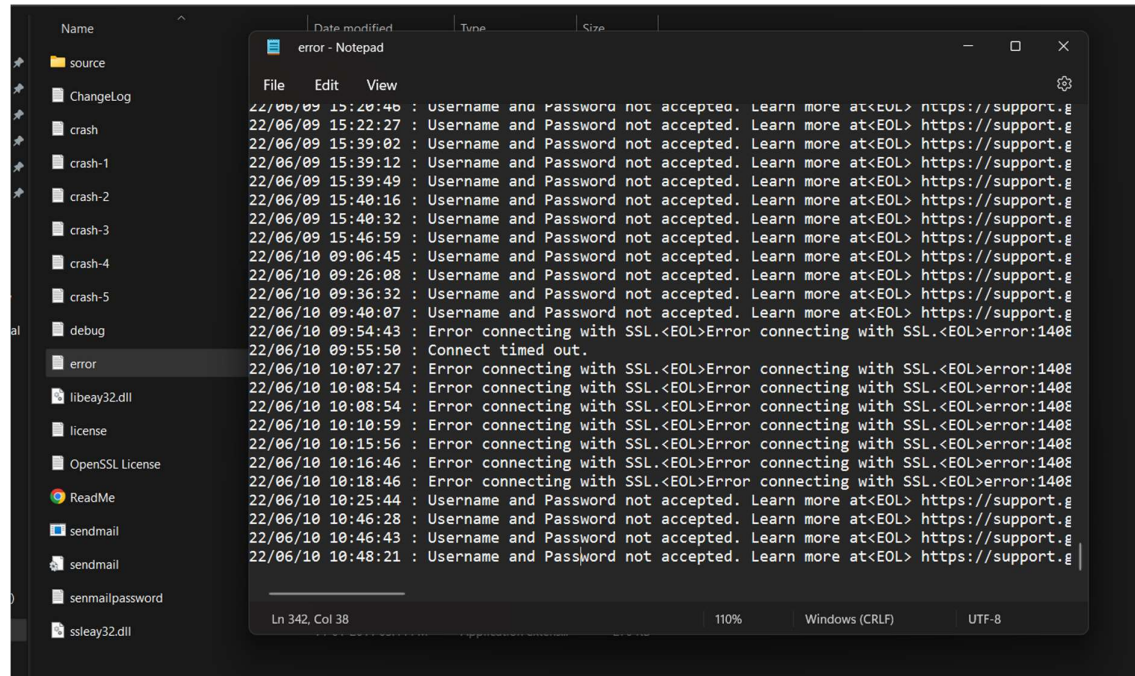
After all these datas are inserted into database we will copy this excel file into folder named.
D:/DontChange/vol_temp/

ERROR RELATED TO EMAIL.

Error: while sending email of daily m2m report the mail was showing an error that mail was not able to send report.

To detect error we saw PHP code and saw that there are no error which caused this error.

After that we saw sendmail folder which consisted **error.log** file which had all errors with timestamp related to mail.

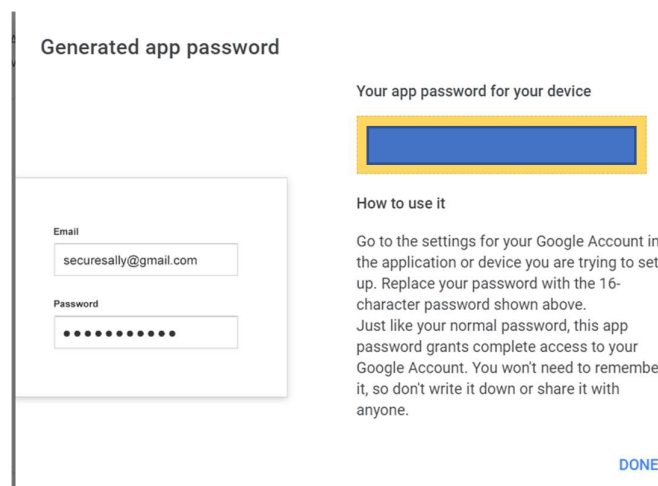


The screenshot shows a file explorer window with a list of files and folders. The 'error' folder is selected. A Notepad window titled 'error - Notepad' is open, displaying the contents of the 'error.log' file. The log contains multiple entries with timestamps and error messages. The messages indicate that the username and password were not accepted, and that there was an error connecting with SSL. The log also includes a link to the support page: <https://support.g>.

```
22/06/09 15:20:40 : Username and password not accepted. Learn more at<EOL> https://support.g
22/06/09 15:22:27 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/09 15:39:02 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/09 15:39:12 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/09 15:39:49 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/09 15:40:16 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/09 15:40:32 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/09 15:46:59 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/10 09:06:45 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/10 09:26:08 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/10 09:36:32 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/10 09:40:07 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/10 09:54:43 : Error connecting with SSL.<EOL>Error connecting with SSL.<EOL>error:140E
22/06/10 09:55:50 : Connect timed out.
22/06/10 10:07:27 : Error connecting with SSL.<EOL>Error connecting with SSL.<EOL>error:140E
22/06/10 10:08:54 : Error connecting with SSL.<EOL>Error connecting with SSL.<EOL>error:140E
22/06/10 10:08:54 : Error connecting with SSL.<EOL>Error connecting with SSL.<EOL>error:140E
22/06/10 10:10:59 : Error connecting with SSL.<EOL>Error connecting with SSL.<EOL>error:140E
22/06/10 10:15:56 : Error connecting with SSL.<EOL>Error connecting with SSL.<EOL>error:140E
22/06/10 10:16:46 : Error connecting with SSL.<EOL>Error connecting with SSL.<EOL>error:140E
22/06/10 10:18:46 : Error connecting with SSL.<EOL>Error connecting with SSL.<EOL>error:140E
22/06/10 10:25:44 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/10 10:46:28 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/10 10:46:43 : Username and Password not accepted. Learn more at<EOL> https://support.g
22/06/10 10:48:21 : Username and Password not accepted. Learn more at<EOL> https://support.g
```

After detecting error we got to know that because of Google's 2 step verification E-mail and Password were not accepted.

As old code was not designed for this 2 step verification we added code for 2 step verification and changed SMTP settings also we added generated password for particular use.



The screenshot shows the 'Generated app password' screen in a Google Account. On the left, there is a form with 'Email' (securesally@gmail.com) and 'Password' (masked with dots). On the right, there is a section titled 'Your app password for your device' with a blue box containing the generated password. Below this, there is a 'How to use it' section with instructions on how to use the app password. At the bottom right, there is a 'DONE' button.

Generated app password

Your app password for your device

How to use it

Go to the settings for your Google Account in the application or device you are trying to set up. Replace your password with the 16-character password shown above. Just like your normal password, this app password grants complete access to your Google Account. You won't need to remember it, so don't write it down or share it with anyone.

DONE

We added this generated password in sendmail configuration file.

After doing this error was solved.