

Things I learnt while developing this project :

1. Pandas : Used to obtain data from a CSV file.
2. Shelve : To store data between two executions
3. Logging : To generate and store logs
4. Pushbullet : To send notifications to Phone over REST API
5. ConfigParser : To generate config file to store passwords and other details that need to be dynamically fetched and stored.
6. OS : To check file path of the generated Config file
7. Streamlit : To generate websites based on Python quickly (Core function involves sharing data)
8. Itertools : To do efficient iterations in code

Discussion Notes with Shradha :

1. If the value of a certain variable changes based on configuration or the system where the code is deployed, it is better to put it in the Config file.
2. For example, File path of shelf can change based on system hence obtain file path using code

```
dir_path = os.path.dirname(os.path.realpath(__file__))
```

Refer https://sourcemaking.com/design_patterns for developing good maintainable code while following accepted standards.