File Purpose:

1. addin.py – start the addin by calling threading\_all.py
2. threading\_all.py – call senti.py, check\_outlook.py, watch\_maildata.py, run.py
3. senti.py talks with the C# code in Ribbon.cs and Ribbon.cs passes the body of mail to senti.py and senti.py returns the polarity of body of email
4. check\_outlook.py checks when outlook is opened and when it is closed.
5. watch\_maildata.py is the file which sees when a mail is clicked in outlook, and is that mail opened for first time. If yes then views.py update the database with mail open time.
6. run.py starts Django and the database access.
7. In folder app, views.py, actually fetches all the mails from outlook office application and then process the data in a format that we can feed to the model. This format is stored for each email in database. Further it feeds the model the user response pattern on which it can rank emails.
8. In folder app, models.py has the format in which a mail is stored to database.
9. All the txt files with prefix as path are having your PC relative paths.
10. manage.py is a file which is the actual governer of Django and database. It is made when Django project is created.
11. Rest all files are supporting files which all Django projects have.
12. In ThisAddin.cs file has the code which runs when outlook starts. This is the code which tells outlook to tell watch\_maildata.py for any click on email which was unread.
13. Ribbon.cs is the file which has all the functions which run when a button is clicked on the outlook ribbon.