**Documentation for WSBET weekly screen file**

**Infrastructure:**

Data collection: AWS Pipeline2

data collection script:, SQL script for weekly screen file: Fidelity\_weekly\_buy\_sell\_track.sql

**Codes:**

Data collection script:

GET\_Webhose/reddit\_api\_wstbet.py (AWS pipeline2)

GET\_Webhose/Fidelity\_top\_buy\_sell.py (AWS pipeline2)

Data processing script:

GET\_Webhose/wstbet\_text\_stock\_analysis\_updated.py (AWS pipeline2)

SQL script for weekly screen file:

wsBet/wstBet\_daily\_analysis\_update\_SI\_merge.sql

wstBet\_daily\_analysis\_by\_growth\_SI\_merge.sql

wstBet\_daily\_analysis\_by\_portfolio\_SI\_merge.sql

Airflow dag:

reddit\_api\_WSB\_dag: <https://github.com/MIGData/dags/blob/master/reddit_api_dag.py>

Fidelity\_buy\_sell:

https://github.com/MIG-Data/dags/blob/master/Fidelity\_buy\_sell\_dag.py

**Notes:**

Update all those 4 files in Get\_Webhose/ticker\_list folder frequently from http://www.eoddata.com/download.aspx (username: gtxskyline, password: Working)

Data will be included in WSBET weekly screen file (e.g 03-26-2021 Reddit\_WSTBET\_basefile) with tab name: By Post, By Growth and By Portfolio, Excel file already has SQL query inserted in background, click 'refresh data' when generating new weekly screen file, apply filter (ADV >5) on By Growth tab, click 'refresh' in CapIQ for each Excel tab. Original SQL files are in SQL file path above.

**Documentation for WSB email alert**

**Infrastructure:**

data collection: AWS Pipeline5

Email alert system: AWS Pipeline2

**Codes:**

data collection and processing script: WSB/reddit\_stream\_process.py (pipeline5)

email alert script: GET\_Webhose/wstbet\_email\_alert.py (pipeline2)

**Notes:**

Update all those 4 files in WSB/ticker\_list folder (AWS pipeline5) frequently from http://www.eoddata.com/download.aspx (username: gtxskyline, password: Working) to include new ticker names available

Update and verify new sender's email in AWS SES portal: <https://us-east-2.console.aws.amazon.com/ses/home?region=us-east-2#verified-senders-email>

Also update sender's email address in wstbet\_email\_alert.py

Update ‘count\_threshold’ parameter in reddit\_stream\_process.py file if want to raise ticker count alert threshold.

**Tableau visualization on company portal:**

<https://www.migcap-portal.com/login/?next=/wsb/> (VPN login required)