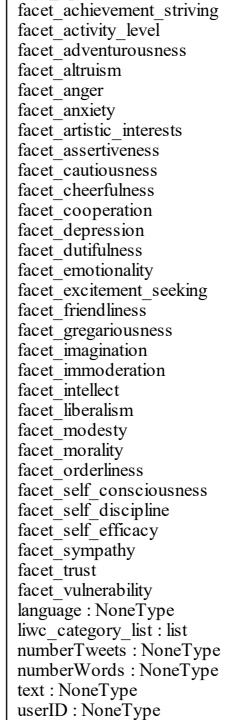
DataPreparation clean_text(textString)	DecisionTree	Features	GloVe	Helper printProgressBar(iteration, total, prefix, suffix, decimals, length, fill, printEnd)	IbmAPI apiKey url get_profile(text, fillProfile, language)	LiwcAPI import_liwc_result(fullPath, profileCol)	MapsAPI gmaps: Client get_address(geoString)	ModelApplication	ModelTraining

	Profile
	attributeNameList : list
	big5_agreeableness
	big5 conscientiousness
	big5_extraversion
	big5_neuroticism
	big5_openness
	facet_achievement_striving
	facet_activity_level
	facet_adventurousness
	facet_altruism
	facet_anger
	facet_anxiety
	facet_artistic_interests
	facet_assertiveness
	facet_cautiousness
	facet_cheerfulness
	facet_cooperation
	facet_depression
	facet_dutifulness
elTraining	facet_emotionality
	facet_excitement_seeking
	facet_friendliness
	facet_gregariousness
	facet_imagination
	facet_immoderation
	facet_intellect
	facet_liberalism
	facet_modesty
	facet_morality
	facet_orderliness
	facet_self_consciousness
	facet_self_discipline
	facet_self_efficacy
	facet_sympathy
	facet_trust
	facet_vulnerability
	language: NoneType
	liwc_category_list : list
	numberTweets: NoneTyp
	numberWords: NoneTyp
	text: NoneType
	1 110 040 1 1 1 1 1 1 1 0 10 0 1 7 140 0





load_ibm_json(ibmJson)

ProfileCollection

get profile by user id(userID)

read profile list file(full path)

write_profile_list_file(full_path)

profileList : list

add profile(profileObj)

addAttrBool : bool additionalAttributes : NoneType RequestHandler add tweet collection(tweetCol) combine tweet text() funcAddTweet(tweetObj) get distinct user id list() get_id_list() get tweets of userid(userID) read tweet list file(full path, ids only, removeNewLineChar) write_tweet_list_file(full_path, ids_only)

TweetCollection

TweetObj created at: NoneType id str: NoneType is Retweet: None Type, int text : NoneType user id : NoneType stream_tweets_by_location(location, timeLimit, maxFollowerCount, minStatusesCount)

additionalAttributes : NoneType ignoreRetweets: bool removeNewLineChar: bool streaming_enabled : bool funcGetTweetListByUser(userID, limit) funcGetUserID(screen name) getUsersByList(userIDList, maxFollowerCount, minStatusesCount, skipPrivateUsers) get followers of user(userIDList, limit) get tweets by list(idList, limit)

TwitterAPI

User followers : NoneType id str: NoneType location : NoneType screen name: NoneType tweet count: NoneType

UserCollection userList : list funcAddUser(userObj) get id list() write_user_list_file(full_path, ids_only)

additionalAttributes ignoreRetweets: bool maxFollowerCount: int minStatusesCount: int removeNewLineChar: bool skipFollowerCounter: int skipStatusesCounter: int tweetCollect on_error(status_code)

on status(tweet)

MyStreamListener