Sentiment Analysis_WordCloud

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@Status : In-Progress

In [1]:
```
### Import Relevant Libraries
import os
import pandas as pd
import numpy as np
import collections
import datetime as dt
import requests
import json
import re
import time

import matplotlib.pyplot as plt
import matplotlib.cm as cm
import seaborn as sns
from scipy.stats import norm

import string
import re
import nltk
from nltk.util import ngrams
from nltk import pos_tag,word_tokenize
from nltk.corpus import stopwords
from nltk.tokenize import WhitespaceTokenizer
from nltk.stem import WordNetLemmatizer,PorterStemmer
from wordcloud import WordCloud, STOPWORDS, ImageColorGenerator

from sklearn.ensemble import RandomForestClassifier
from sklearn.preprocessing import StandardScaler
from sklearn import metrics
from sklearn.metrics import accuracy_score
from sklearn.metrics import classification_report, confusion_matrix
from sklearn.feature_extraction.text import TfidfVectorizer, CountVectorizer
```

In [2]:
```
### Build a get_date function to convert date format
#### Build a data_creation function to read json data into pandas dataframe

def get_date(created):
    return dt.datetime.fromtimestamp(created)

def data_creation(subreddit) :
```