1. Use different ML algorithm to predict seasons
2. Identify important features(high frequency  words for different seasons), ice scream : summer or not summer, hot soup : winter or not winter (binary questions), identify important keys words for particular seasons predictions  
   random forests : <http://scikit-learn.org/stable/auto_examples/ensemble/plot_forest_importances.html>

<http://scikit-learn.org/stable/modules/generated/sklearn.ensemble.RandomForestClassifier.html>

