Welcome To Malcolm's Tinder Data Dashboard

About Me

This website has various graphs and analysis that allow you to understand your Tinder usage. We look through the types of messages sent and usage of the Tinder. This website is a work in progress and is an experiment in data analysis and deployment. This site is made using the python Dash framework and Amazon Web Service's Elastic Beanstalk.

Getting Started

Currently there is user data that is pre filled into the tables. The data is prefilled however it is not at the granularity where the radio frequency buttons can be used. To get started, upload your Tinder data.json or the myData.zip file to the upload box below. The application will look through the uploaded file and update the graphs and tables below. You can use the radio button to change the frequency between weekly, monthly and daily. Many of the charts are interactive. You can drag to zoom in on a certain part of the graph. In the top right hand corner, there are additional tools to maneuver the image. You can double click to return to original state.

Drag and Drop or Select Files

Words Per Message Graphs

About this Graph

The chart below shows the number of messages and messages with a certain words in the message sent to matches over time.

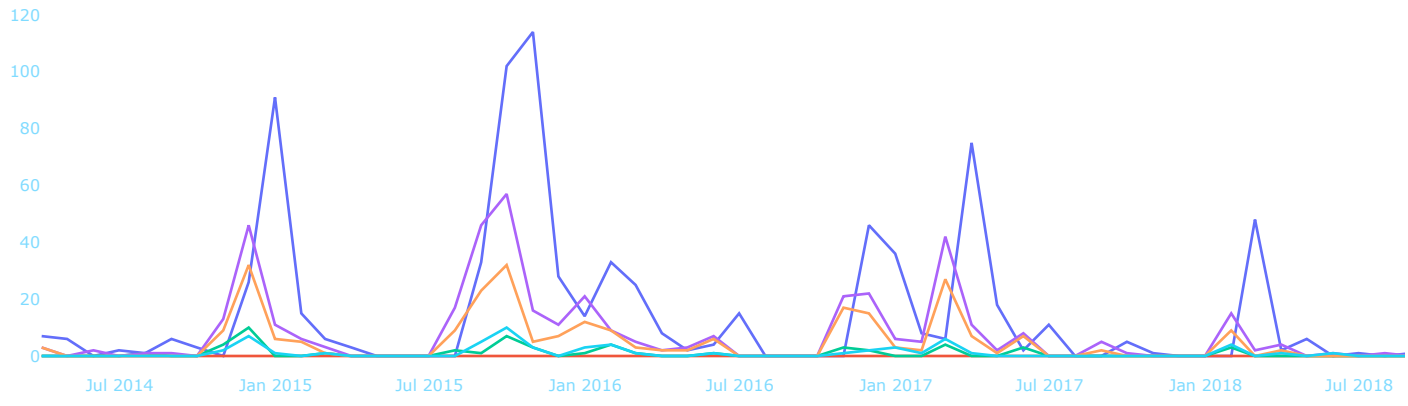
- Funny words are "hahaha", "lol", "haha", "ha", "hehe"

Types of messages:

- Question words are "who", "what", "where", "when", "why", "how", "how's", "what's"
- Question mark implies there is a question mark in the message
- Exclaimation mark implies there is an exclaimation mark in the message

Use the radio buttons below to select the frequency of the analysis

○ Daily ○ Weekly ◉ Monthly



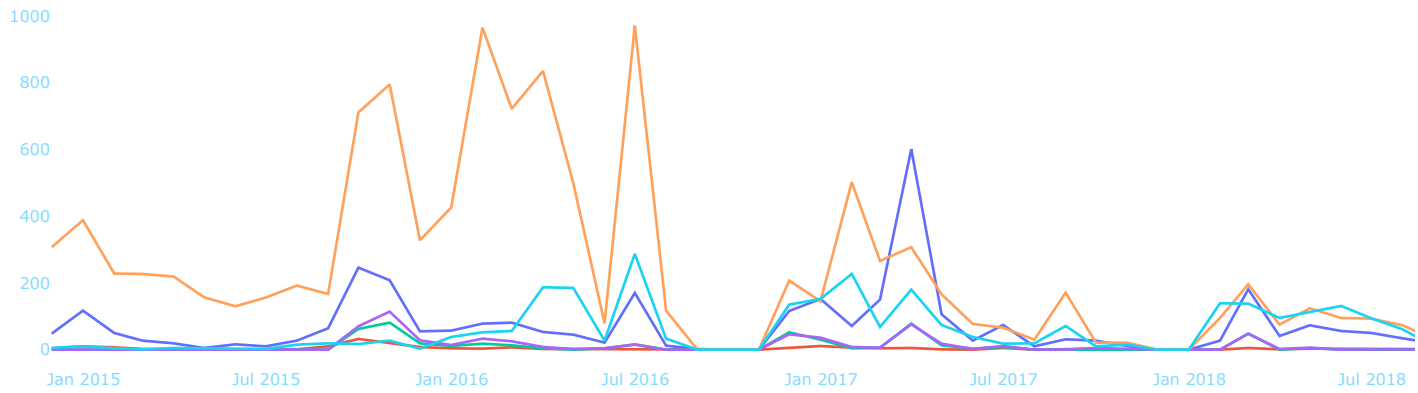
Usage Analytics

Usage Analytics Graph

The chart below contains metrics of the user's usage over time. Some of the metrics that are tracked are --

- app_opens refers to the number of times the user opened the app during the time period
- swipe_likes refers to the number of times the user liked another user (swiping right)
- swipe_passes refers to the number of times the user passed on another user (swiping left)
- matches refers to the number of times the user and another user mutually liked each other during the specified time period
- messages_sent refers to the number of messages the user sent to other matches
- messages_recieved refers to the number of messages the user recieved from matches
- total_swipes is the total number of swipe_likes and swipe_passes

○ Daily ○ Weekly ◉ Monthly



Max Usage Metrics

The first table shows the date and number of max occurances of certain actions in interacting with the Tinder app. There is a short description of each of the metrics before the table is presented. The second table has a few custom metrics and ratios about your usage. Use the time filter below to select the range of dates of interest. The time filter applies to both tables.

Start Date → End Date

About Max Usage Table

The table below has information about several metrics, the date when they were maximized and the maximum number for the metric.

metric	date	max da
app_opens	2017-03-06	
swipe_likes	2015-09-26	
swipe_passes	2016-06-12	
matches	2015-09-25	
messages_sent	2015-09-25	
messages_recieved	2015-09-25	
	2015-09-25	

Dervied Usage Metrics

About Derived Usage Table

The second table shows several derived metrics about tinder usage given some of the other metrics. The date range selected is the same as the metrics table as above

The metrics are defined as :

- Like to pass ratio: # Swipe rights (Like) / # Swipe Left (pass)
  - Ratio > 1 indicates more likes than passes
- Swipes to app open: # Swipes / # Times Application Opened
- n_avg_msg_rec_per_match: # of messages **recieved** / # of matches
  - Average conversation length from match POV
- n_avg_msg_sent_per_match: # of messages **sent**/ # of matches
  - Average conversation length from your POV
- swipes_per_tot_cal_day: # total swipes / (Data obtained date - Tinder profile created)
- swipes_per_act_day : # total swipes / # of days app opened

total_swipes	like_to_pass_ratio	swipes/app_open	_avg_msg_rec_per_matc	avg_msg_sent_per_mat	swipes_per_tot_ca
16196	3.73	4.21	3.13	3.87	11