A Text Analysis of Our Facebook Messenger Conversations

HOW MUCH DO WE TALK? AND WHAT DO WE SAY?

	Karthik	Anisha	Total
Messages	18156	18672	36828
Characters	377185	285646	662831
Avg Chars per message	20.77	15.30	

Top 5 Most Used Words

i - 7386
u - 5089
the - 3370
to - 3285
a - 3028

Top 5 Most Used Words: 6 Or More Letters

anisha - 292
 something - 268
 actually - 246
 should - 205
 friends - 194

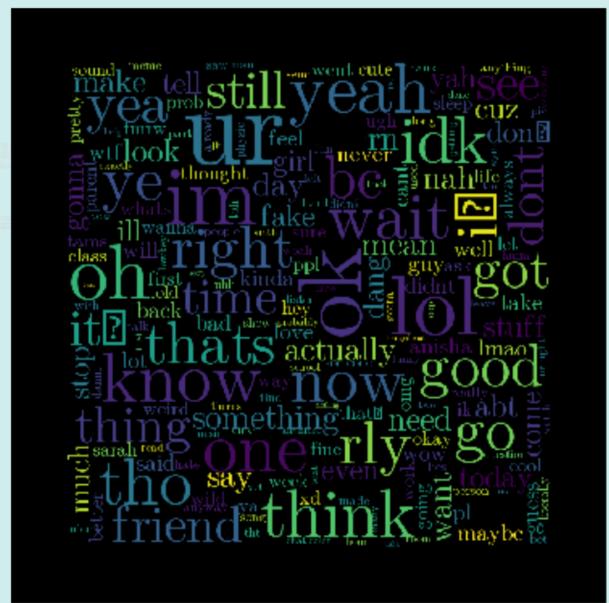


Fig 1. Wordcloud of our most used words

AND INDIVIDUALLY



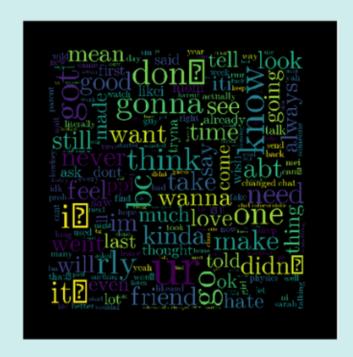


Fig 2. Wordcloud of (a) Karthik's and (b) Anisha's most used words

HOW DO WE FEEL? A SENTIMENT ANALYSIS...

Sentiment analysis is the identification of words in text as either "positive" or "negative" words, allowing feeling to be interpreted from text. A higher sentiment score(SS) means more happiness through text...

	Karthik	Anisha
Mean SS	3.81	1.77
Minimum SS	-10 on 5-28-2017	-14 on 6-24-2017
Maximum SS	76 on 6-4-2018	48 on 6-4-2018

Table 2. Various sentiment score statistics for both of us

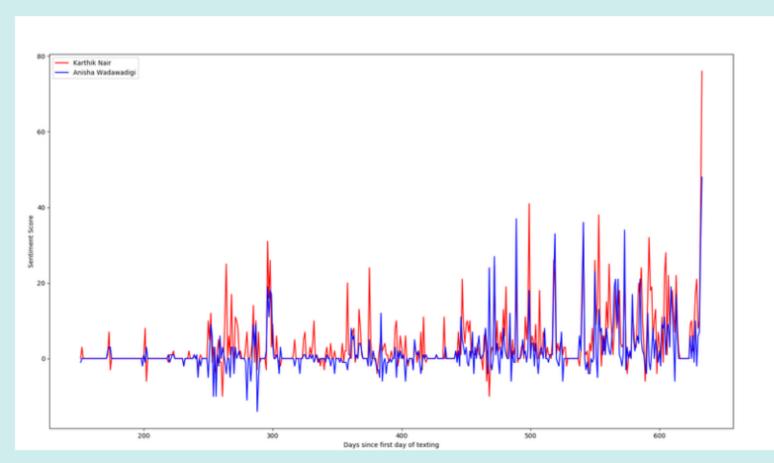


Fig 3. Graph of SS since our first day of texting

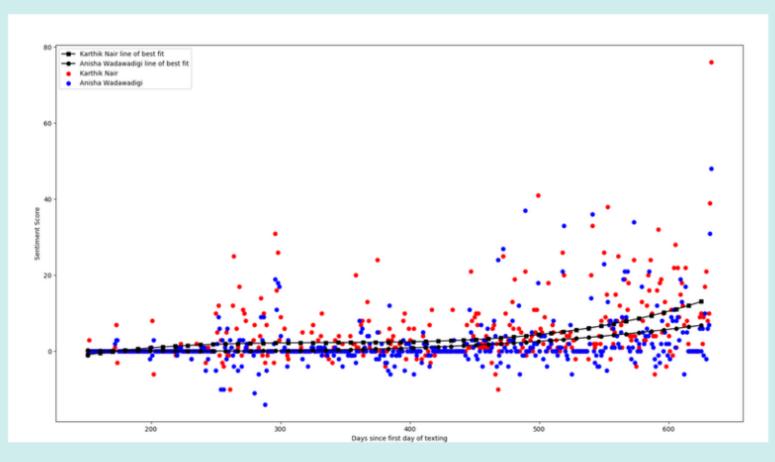


Fig 4. Graph of SS fitted with cubic function.

WHAT ARE OUR MOST COMMON FEELING WORDS?







Fig 5. Wordclouds of (a) both of our, (b) Karthik's, and (c) Anisha's words with sentiment value.