



Sentiment analysis on #wfh

Team Name: Circuit Breaker

Team Members: Yi Qiong, Melissa, Wai Lun, Ming Hong

Table of Contents

Our goal

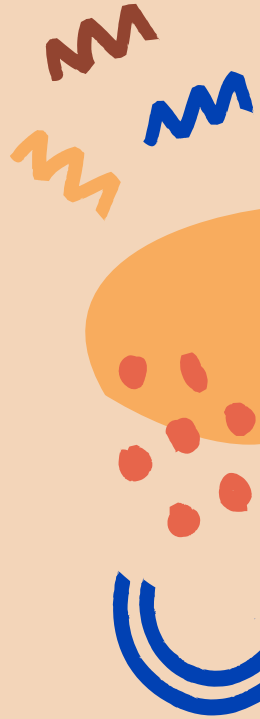
01

Data extraction

02

Data analysis & reports

03





#wfh

As people are forced to work from home, we aim to find out what do people feel about it, and how this has changed as the lockdown progresses.



Restrictions

API rate limits

Twitter and wit.ai imposes rate limits on API calls

Data coverage

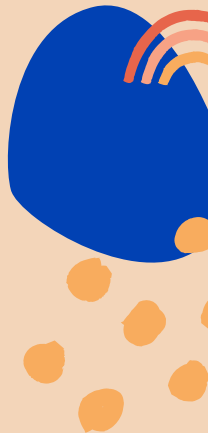
- Network of tweets (RTs, quotes, mentions)
- Related hashtags (#workingfromhome, #remotework)
- Date range

Language

Language analysis accuracy does not work well for translations

lang:en

We only analysed tweets in English



Restrictions

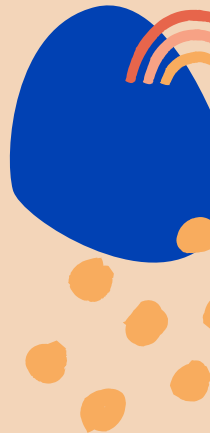
Word limit

wit.ai imposes a word limit on the text string that it accepts for sentiment analysis



Data completeness

We could not analyse longer tweets



Data Extraction



Twitter API

GET tweets with
#wfh from before
23.5.20



JS

Fields extractions



wit.ai

Text sentiment
analysis



The background is a solid light orange color. It is decorated with several abstract elements: a large orange circle with white dots in the top right; a blue circle with white dots in the bottom right; a blue circle with white dots in the middle left; and a blue circle with white dots in the top left. There are also several wavy lines in orange, red, and blue scattered around the circles. The text "Data Analysis" is centered in a blue, italicized font.

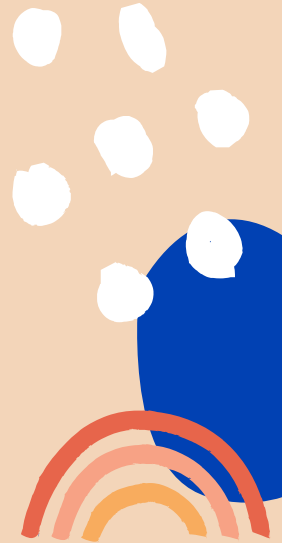
Data Analysis

Dataset

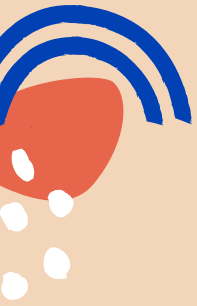
71,500

Tweets analysed

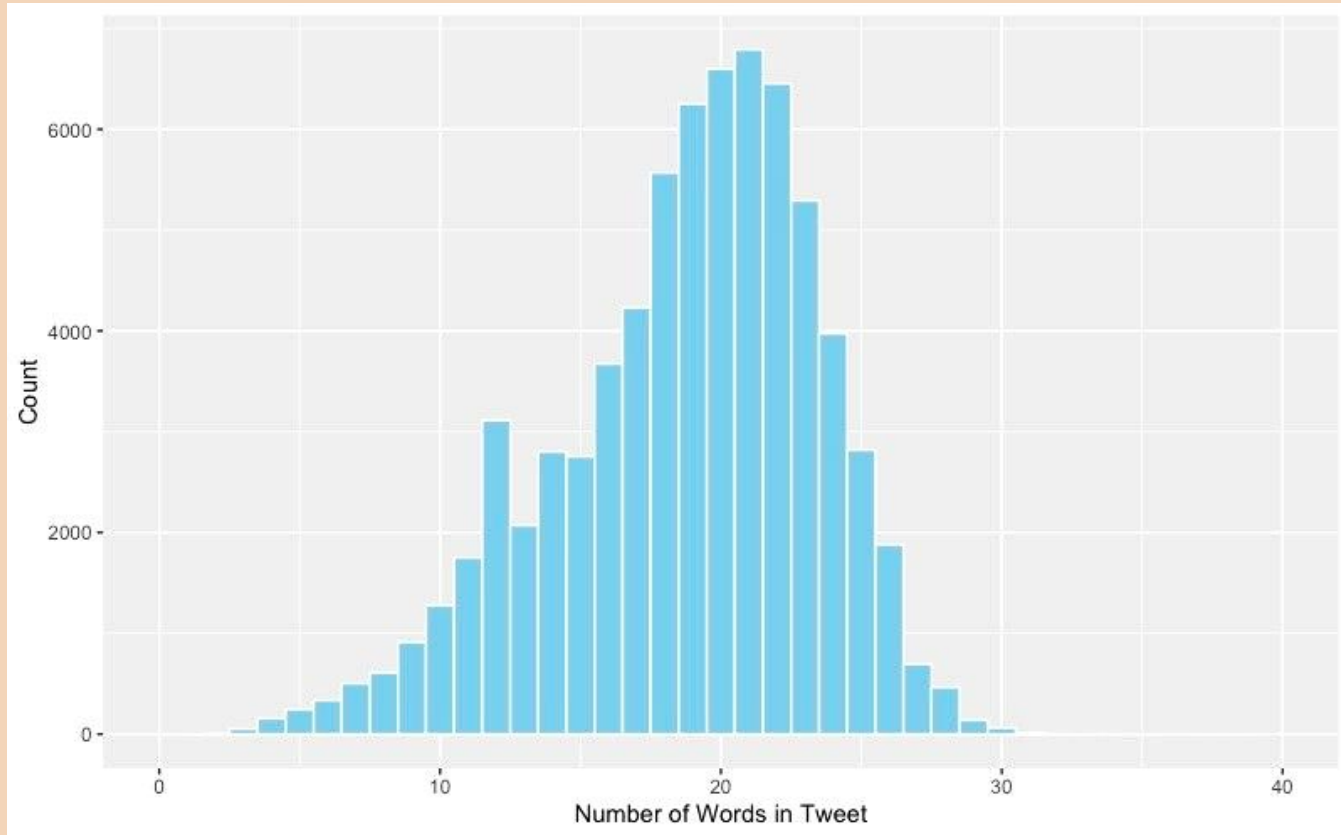
across 2.5 weeks







Average # of words in a Tweet



Tweet with highest # of engagements

Memes are the way to go! 😊



TwistedDoodles ✓

@twisteddoodles

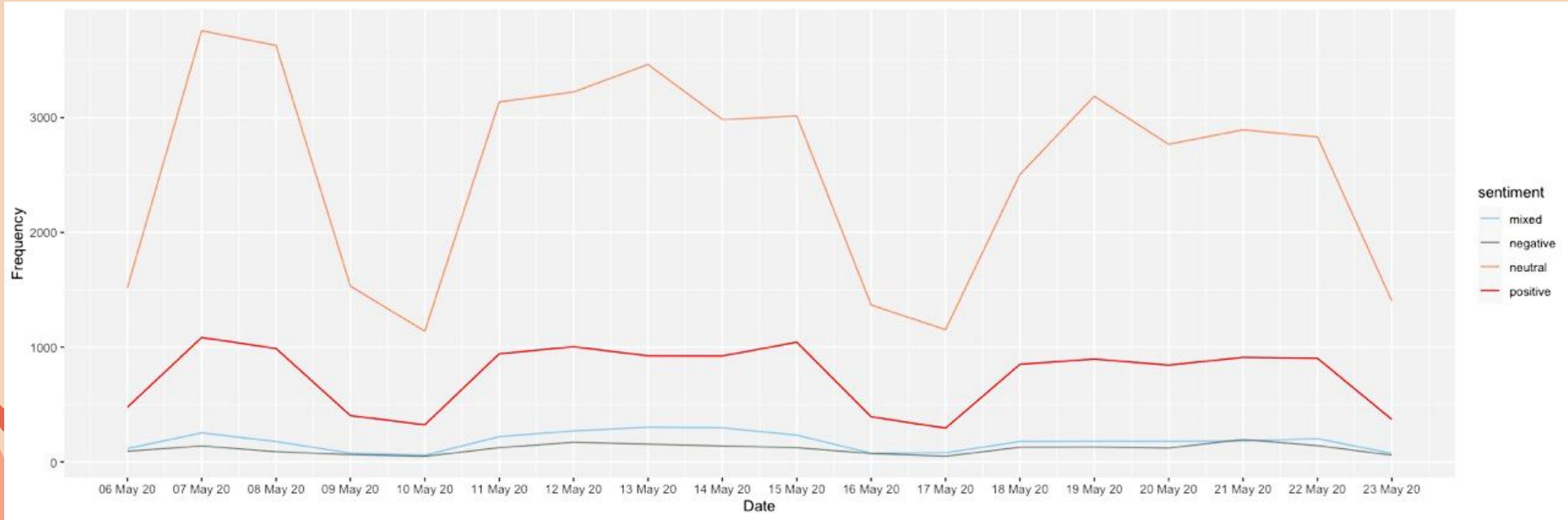
If co-workers interrupted work
like your kids #WFH #parenting



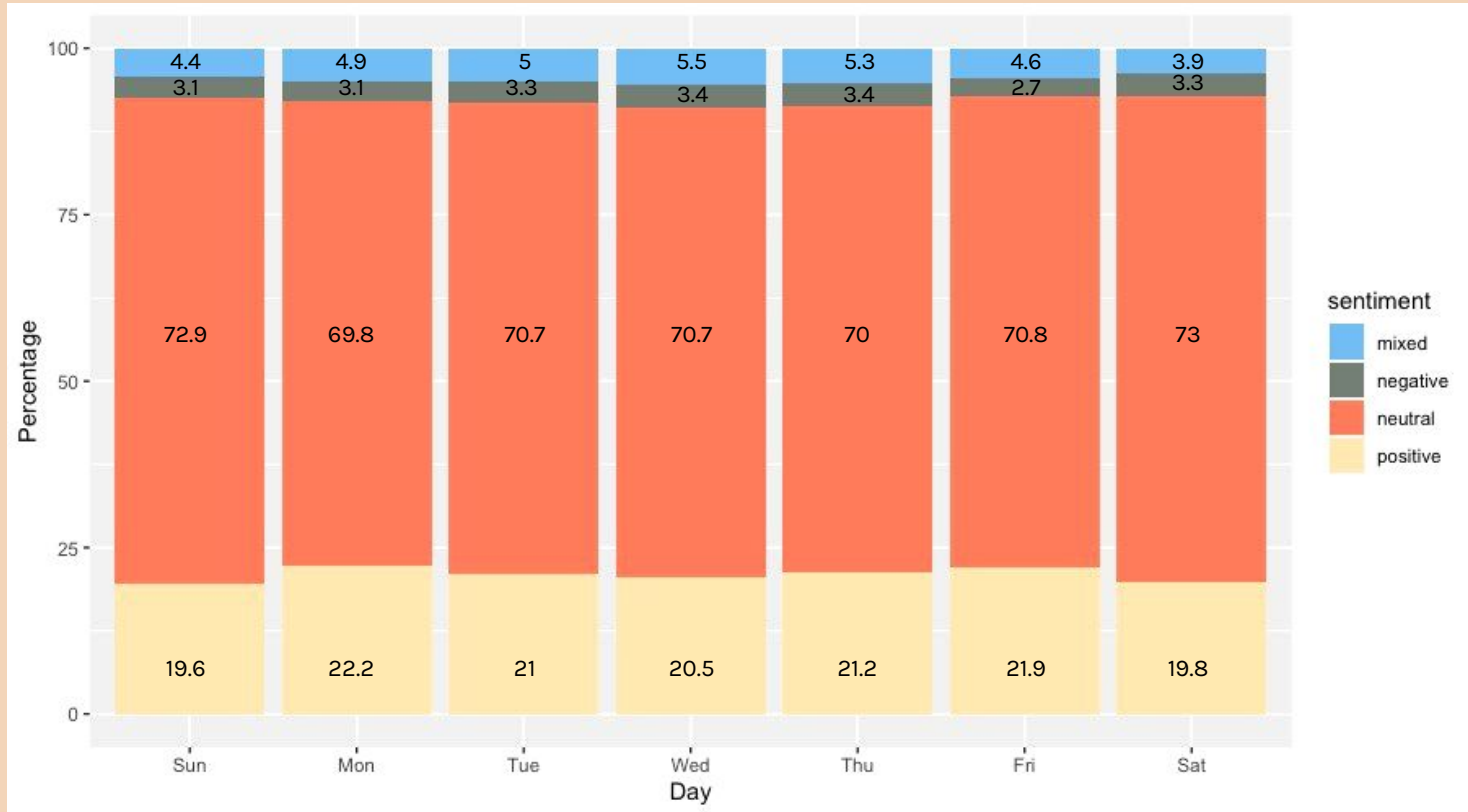
5:38 PM · May 7, 2020 · Twitter for iPad

1.5K Retweets 8.9K Likes

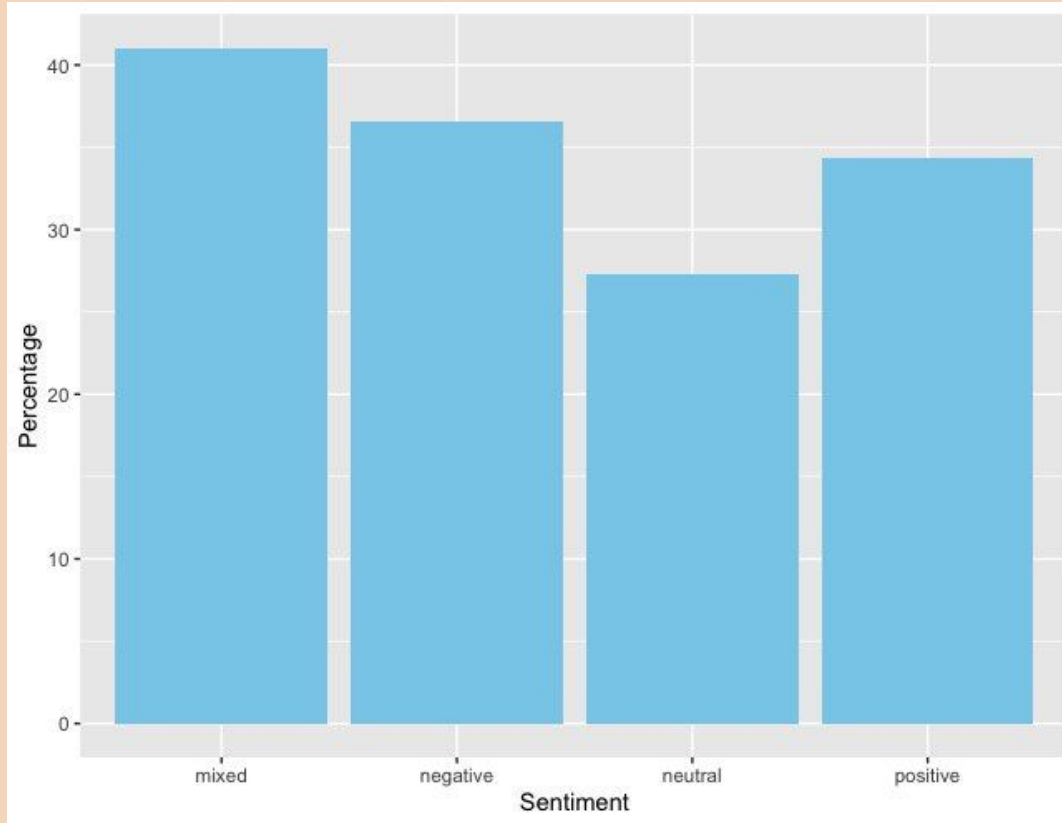
Total Sentiment Count



Sentiment % by Day of Week




Tweets Engagements by Sentiment





Thanks



CREDITS: This presentation template was created by
Slidesgo, including icons by **Flaticon**, and infographics
& images by **Freepik**

Please keep this slide for attribution

