

WHAT IS INFLUENCER MARKETING ?

Finding influential people in your product category to attract buyers by marketing your brand through them.



“Building relationships with people who can build relationships for you”

MOTIVATION

- Around 70% of marketers consider finding the right influencers to be the toughest part of their job.
- Exponential growth of social influencer marketing over the past few years; Estimated to be worth \$1.07 billion.
- Narrow focus of current products on just metrics; fails to capitalize on user’s niche and post content.

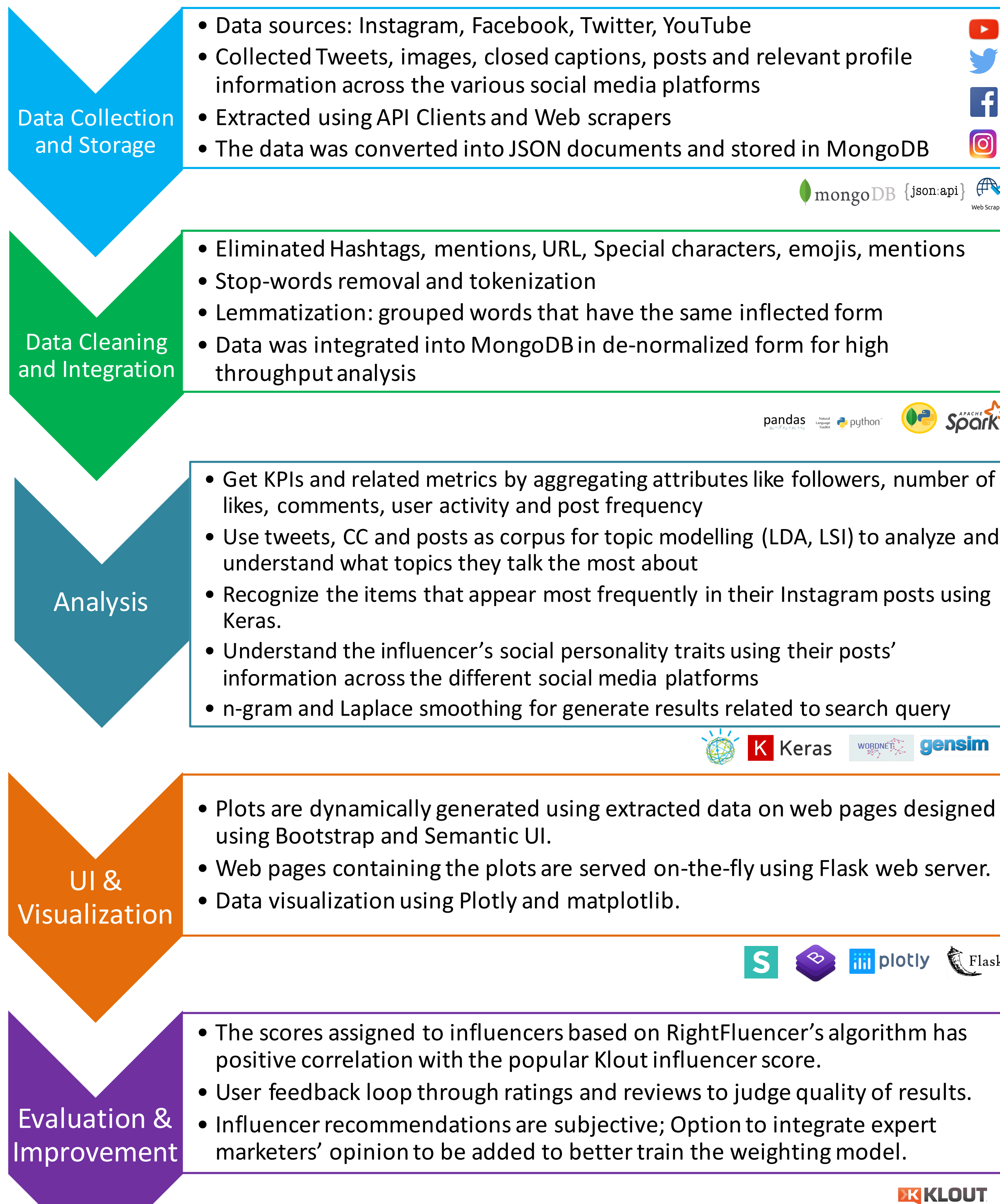
WHAT IS RIGHTFLUENCER ?

An interactive web application and dashboard that allows you to find the right influencers for your product and category by analyzing their posts, images and videos.

KEY DIFFERENTIATORS

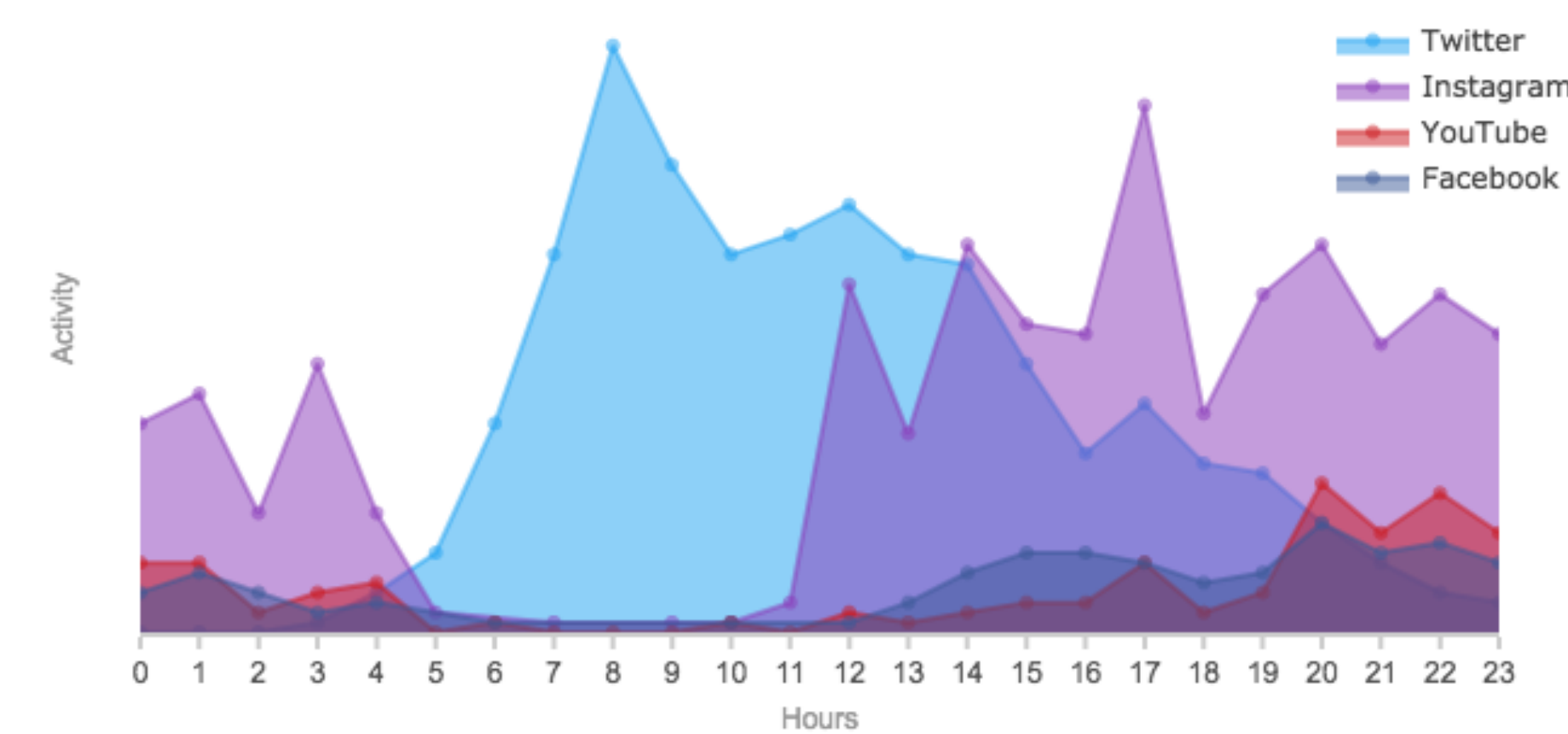
- Collective analysis of multiple social media platforms in the same place using both metrics and content.
- Inspection of images to understand what products influencers are interested in to find their niche.
- Analyzing YouTube videos of influencers using closed captions to better interpret their expertise.
- Influencer score based on product and category.

DATA PROCESSING PIPELINE



VISUALIZATIONS

Influencer activity by hour



Izy Hossack talks the most about

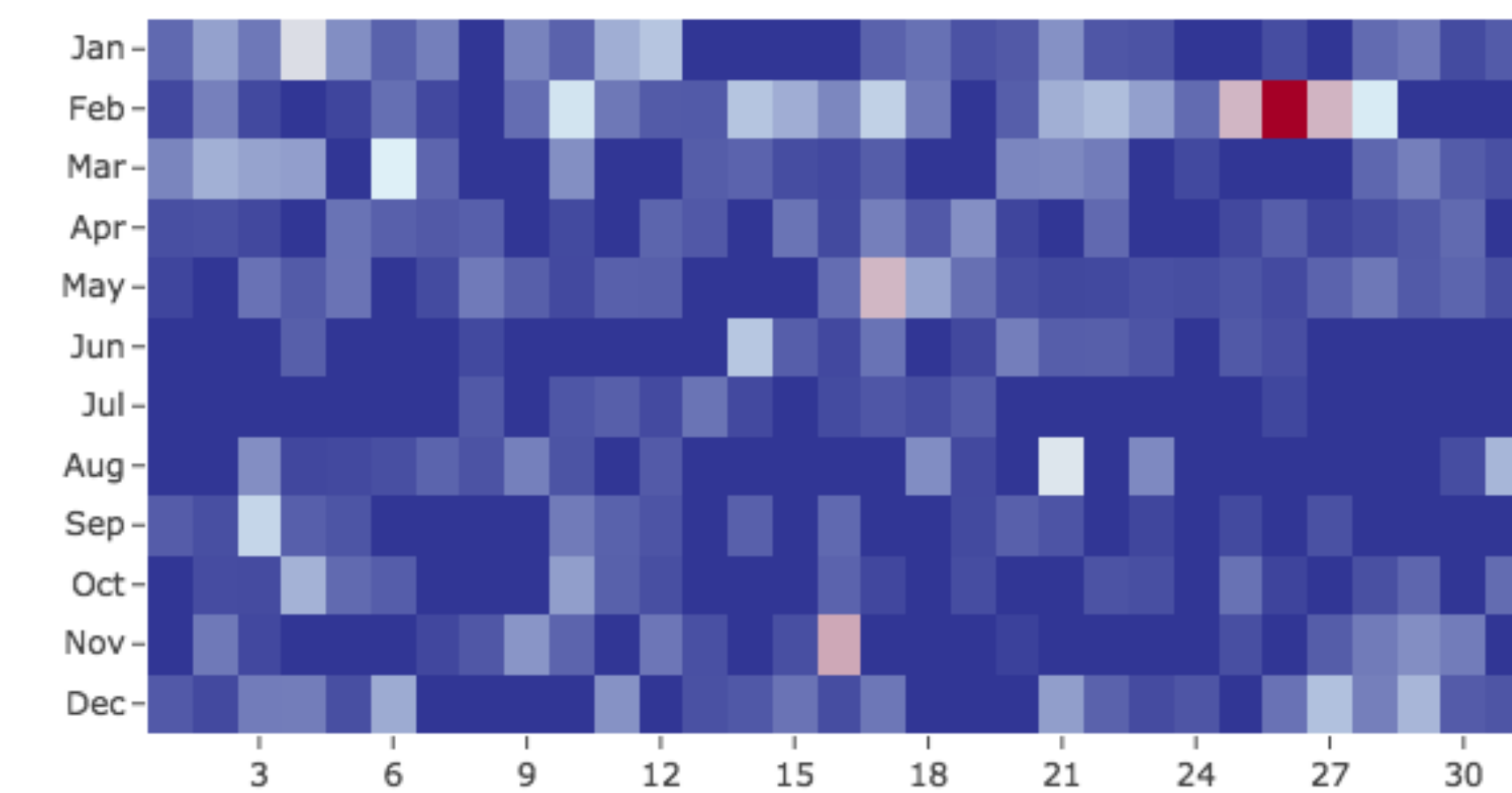
baked feta bagels basil fancyporridgefriends izyeatsfancyporridge porridge izyeatslondon butter aubergine rye guide izybrunches image maple morning syrup pinhead mentioned salted tahini looks tasty option gonna

Popular items in Izy Hossack's pics!

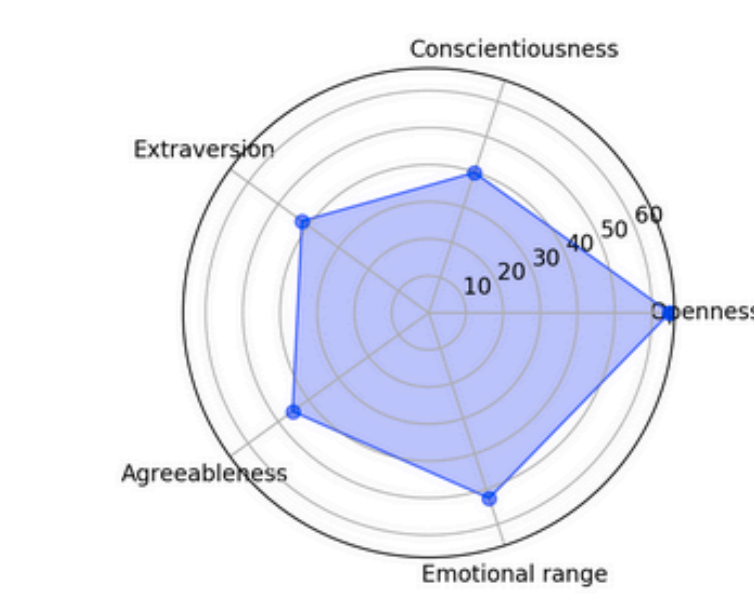


chocolate_sauce wooden_spoon bottlecap spatula bagel tray pizza necklace plate ice_cream pretzel dough bakery

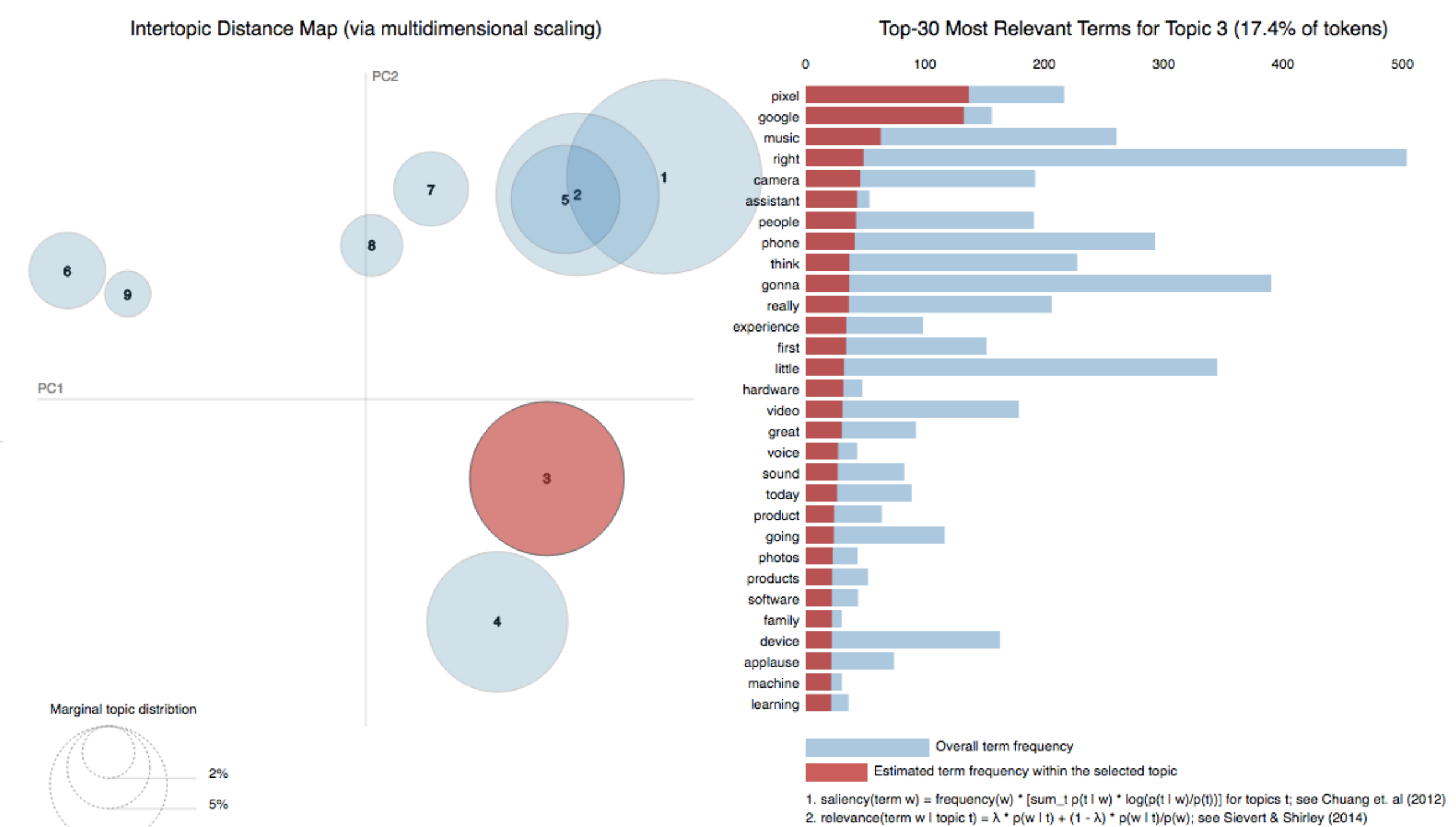
Monthly user interaction quotient



Get to know Logan Paul's personality



Topic modelling using LDA on YouTube data



APPROACH

- ❑ Collect social media posts, images and videos by top influencers across multiple categories from various social media platforms.
- ❑ Compile absolute metrics like follower count, likes; Generate derived metrics like popularity, influencer & audience activity through aggregation.
- ❑ Discover the topics talked about in their posts through LDA / LSI and find objects in their posts using Computer Vision (Finding their niche).
- ❑ Generate weighted scores for the particular influencer-product pair through n-gram, topic and object relevancy along with absolute and derived metrics.
- ❑ Find the top influencers for the product using the weighted score.
- ❑ Visualize their metrics, the results of topic modelling and their personality to better understand the influencer and their niche.

LESSONS LEARNT

- ❑ Since open APIs are constantly evolving and introducing restrictions, enterprise access and/or partnerships might be required to maintain system functionality up to date.
- ❑ During data collection process, it is imperative to set an uniform timestamp format, to make timeseries calculations consistent.
- ❑ More custom tuning of the image classification models might be necessary to better understand images.