CompSci216 Spring '15 Hverything Data

Team 13: #FoodPorn Problem: People spend more time on social

media platforms than on Yelp. Are Twitter

and Instagram viable restaurant review

Gathered relevant Twitter and Instagram posts and Yelp reviews on Austin

Ran sentiment analysis algorithm on posts to predict Yelp rating.

> Yelp reviews are great predictors of Yelp ratings (87% explained variability).

Twitter and Instagram are very poor predictors (24% explained variability);

especially lacking in negative dining

#FoodPorn

WHERE

sources?

. restaurants.

Conclusions:

yelp

4



Statistics on

3

COURSE EVALUATIONS

Class Rating

Average: 4.34/5

08 1 12 14 16 18 2 22 24 26 28 3 32

Average: 4,46/5

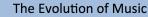
Instructor Rating

Global

FOOD Girls

Generation

yelp



 Processed song data from Million Song Dataset

 Focused on Billboard Hot 100



 Processed lyrics from <u>musiXmatch</u> Dataset

 TFIDF to measure saliency of lyrics







Alvin Kang Raul Kim

Paul Kim Grace Park Scotty Shaw





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Current News and Trending Chews:

The Effect of Current Events on Food Industry Trends

? 1950's \$

SmartTunes

Music For How You Feel

Group 6: Jinzi, Matt, Victor, Vincent, Willy





Input one restaurant you love, we'll recommend more

Ask user to select a **restaurant** of choice, with **distance range** Output **top 10 characteristics** of restaurant based on content

Recommend other restaurants with similar character

EAT

17,000

These classes have been

2,000

75%