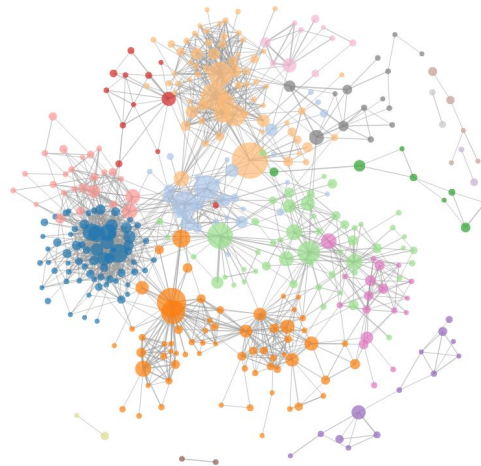
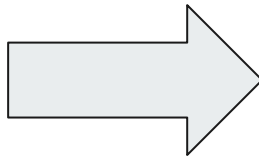




Network Based on Yelp Reviews



Motivation



Project Objectives

Construct and explore network driven by restaurant reviews.

- Network of restaurants
- Network of review topics



Data

- Yelp review dataset filtered for restaurants in Nevada
- Over 120,000 user reviews
- ~ 5000 restaurants

Modeling

- Built and tuned an LDA model
- Constructed an undirected and unweighted graph



Visualization techniques

- Network Visualization of topics and reviews
- Used plotly and networkx for the analysis

Future work

- Add attributes to our nodes to our graph
- Write our observation using this graph



Thank you.

