

Danlu Liu

Dan Huang

Yu Hou

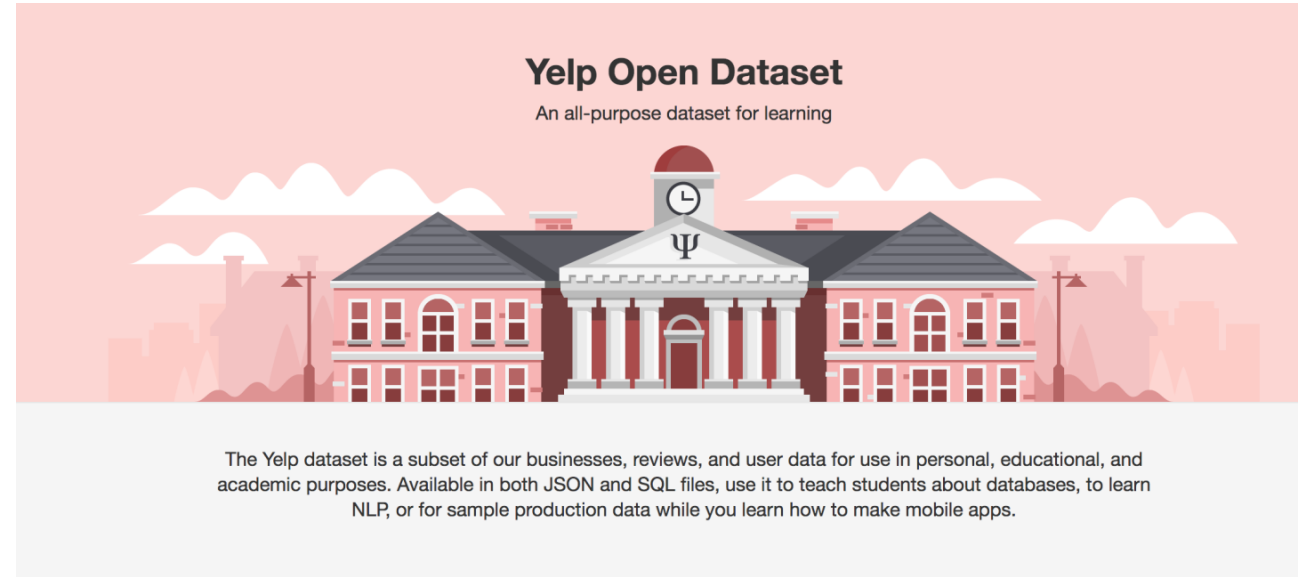
# Yelp Restaurant Exploration



# Dataset

- Yelp Dataset

Yelp dataset contains comprehensive data for each company, basic information, location, user evaluation, special needs, etc.



## The Dataset



4,700,000 reviews



156,000 businesses



200,000 pictures



12 metropolitan areas

# Goals

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- Do some overall visual analysis of American restaurants, entertainment, and daily lives according to the dataset, based on our life experience, choose some aspects that customers may be concerned, carry out some particularity visual exploration. Hopefully, our result would give some useful guidance to customers.

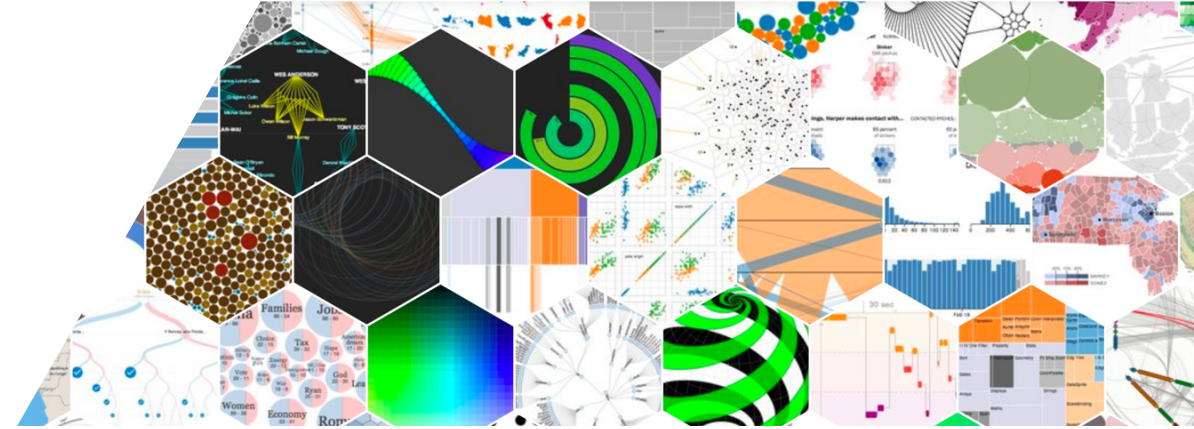
# Challenges

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- The dataset contains a lot of information, and some are useless. We need to extract the information which is worth of analyzing, try different ways to make the best, clear visualization, and implementing the interaction between multiple information.

# Tools And Development

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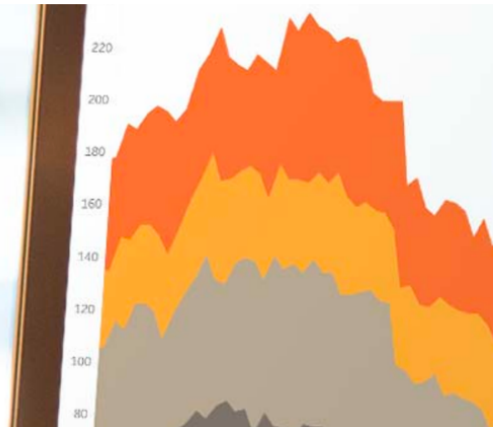
- Tools: D3, Tableau, SQL
- Combine D3 and Tableau
- webpage for user, the chart is more coherent and clear



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# Web Demo

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[file:///Users/danluliu/Documents/data%20visualization/final%20project/final\\_project/about.html](file:///Users/danluliu/Documents/data%20visualization/final%20project/final_project/about.html)

# References

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- D3 gallery

<https://github.com/d3/d3/wiki/Gallery>

- Tableau training

<https://www.tableau.com/learn/training>

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# Thank you! Questions?

