

Yelpolo

Topic Modeling on Yelp Reviews

What are we are trying to do?

To help Entrepreneurs to open their businesses at appropriate geographical locations suited to their capability based on the Yelp reviews and ratings.



How is it done today?

- User Surveys
- Do Background Search of the Area
- Scan all Reviews of other restaurants



What's different?

Topic Modeling on Reviews



Steve S.

Phoenix, AZ

👤 107 friends

★ 104 reviews



9/28/2014

Off the scale GREAT! THANKS for having great fresh food, take out that is fast, people that are nice and parking. This is the second day in a row that I've ordered: steamed dumplings, egg rolls, house fried rice, General Taos chicken.

We bow to the Buddha!

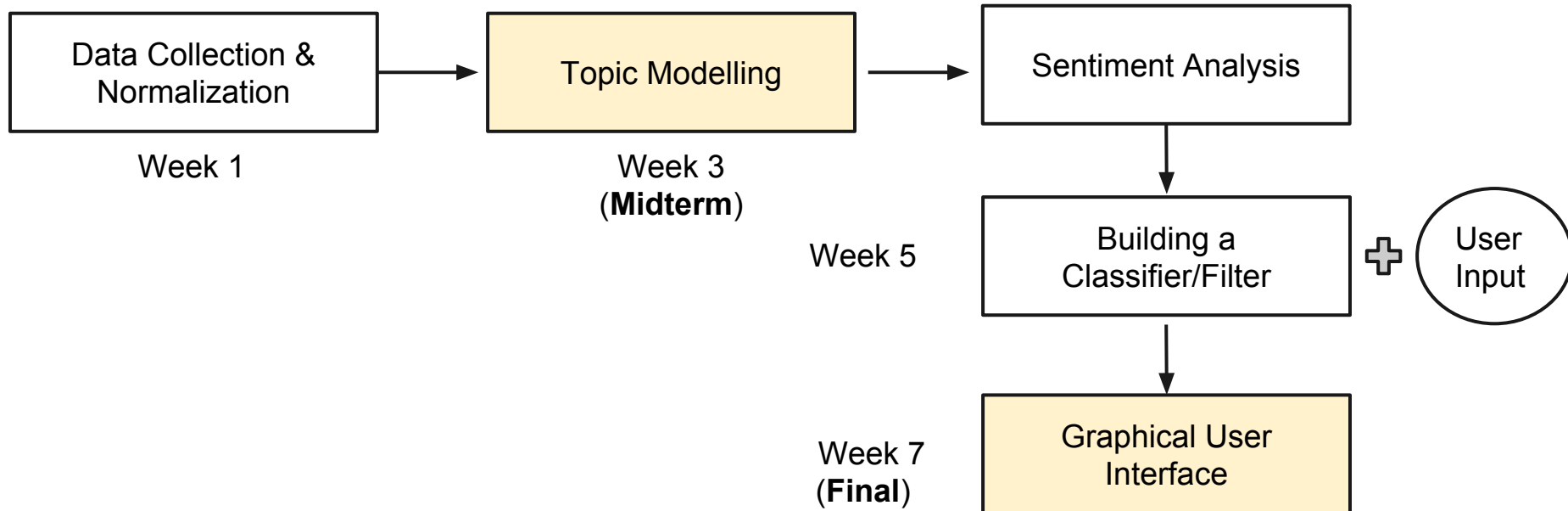
Was this review ...?



Parking 4.1 Fast 4.5 Ambience 4.1

Development Flow

$$\text{Individual Effort} = (\text{Total Effort}) / 4$$



Who benefits?



Entrepreneur

Q. I want to open a
___*restaurant*___ in
___*Downtown Atlanta*___. What
should it offer?

A.

- Free WiFi & Parking.
- Quick Service
- People love Chinese food in that area.

Cost = \$0 & Risks

Open Source Technologies:



References

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