**Meeting Details**

* Date and Time: 2nd September
* Location: Library PR 4.10
* Agenda: Finalize on Project Proposal Details

**Attendees**

* Present
  + Rhea, Li Xiang, Piyush, Smeet
* Not Present

**Announcements**

* Project Scope is done.
* Preliminary EDA is complete.
* Outstanding Proposal components are ready.

**Summary**

1. Discussed what constitutes a restaurant and analysed ways of how to filter restaurants from the database
2. Discussed the importance of review count and stars and see what the motivation for the study is, and why this analysis will be relevant for a business. What is the recommendation we will give to them?
3. System of calculating the prediction ratings over time. For a time period, we will take averages by month. Decided also that the starting date for the business will be the first user rating.
4. Use review counts in a way to moderate effect of the prediction ratings
5. May need to use logistic regression since categorical and continuous variables will be used
6. Attribute reduction will be done, firstly through intuition, missing data and through individual correlations with rating
7. Concerns about the importance of the attribute given the limited number of data points
8. Finalized the flow of the timeline, along with roles and responsibilities for each member.

**Action items**

* Li Xiang and Piyush: Continue with EDA and write up key observations from EDA for the Proposal. Clean up, extract visualizations for the proposal.
* Rhea: Draft out Motivation and relevance for study, explore more avenues to enrich project proposal.
* Smeet: Collate all completed materials to draft the Project Proposal. Update the Wiki page.

**Questions for Supervisor**

* Only "Businesses" data file is used. Are the data points, are they enough for an Analytics project?
* Since results are not generalizable for a country, is the evaluation focused on the method?
* Confirm the details of the final deliverable.