Hi everyone，I am Yunzhi Chen. It’s great to be presenting for you today, I will introduce you about the 5 design sheets of my data visualization project, which the title is “Restaurants near me - Uber Eats”. Uber Eats is an app that can simply provide food service by online shopping.

The intended target audience for communicating the key information will be uber eats users.

It is my first sheet, I camp up with 14 sheets to answer my intend questions, but I filter those four plots because they are in varying degree not suitable. And these questions are based on a more subdivided and specific change from the questions I'm going to study.

Secondly, I want to use a pie chart plus a select bar to interactively show the share of different price types of restaurants with different reputations, then a dot map to show the distribution of restaurants in the country, and finally a flow map to show the traveling flow route of people for food. Drop-down menu to select different regions for display. But I found that neither a pie chart nor a dot map is a good choice.

And then, I chose to use a bar chart with drop-down options to show the number of restaurants by price type, then a leaflet map to show the distribution of restaurants by price type across the country, and finally a Sankey diagram to show the route information. But the Sankey diagram is not a good choice because it only shows the starting and ending points, not the distance and the exact route.

For sheet4 I used a combination of a bar chart, heat map and flow map, and two select bars to be able to select different scores & rankings and different zip codes respectively. However, the heat map cannot simply identify specific values, which is why I did not choose it in the end.

My final idea is to combine sheet2 3&4, which is to choose a bar chart, leaflet map, and flow map, using select bar interactively choose different information to present, for example, in leaflet map, you can choose different price types, show the total number of restaurants in particular areas on the map, and then by clicking maker, you can get these restaurants information in detail. I expect to use R shiny to complete all my content.

That’s all, thank you!