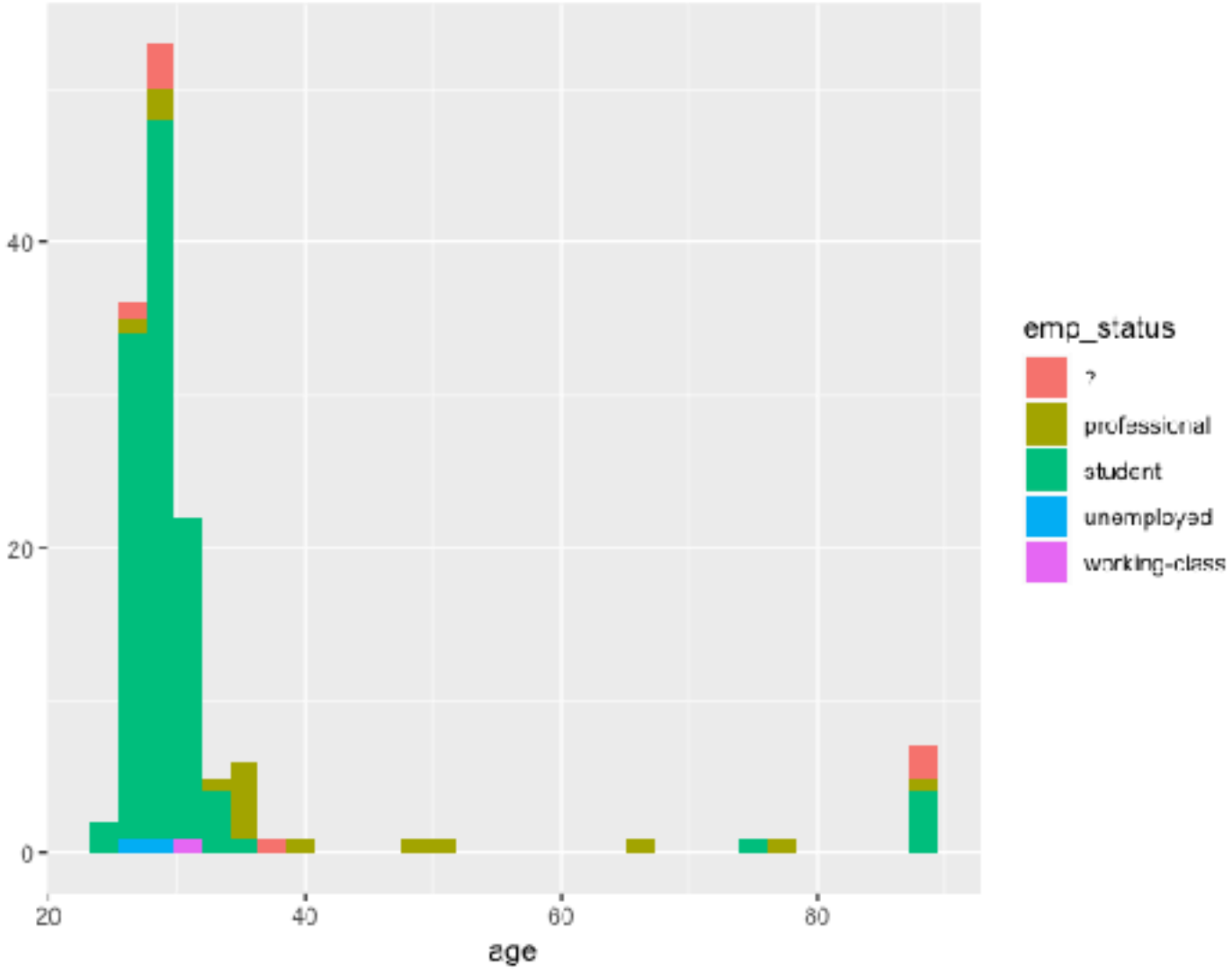
Analysis on Restaurant DataSetUsing RStudio

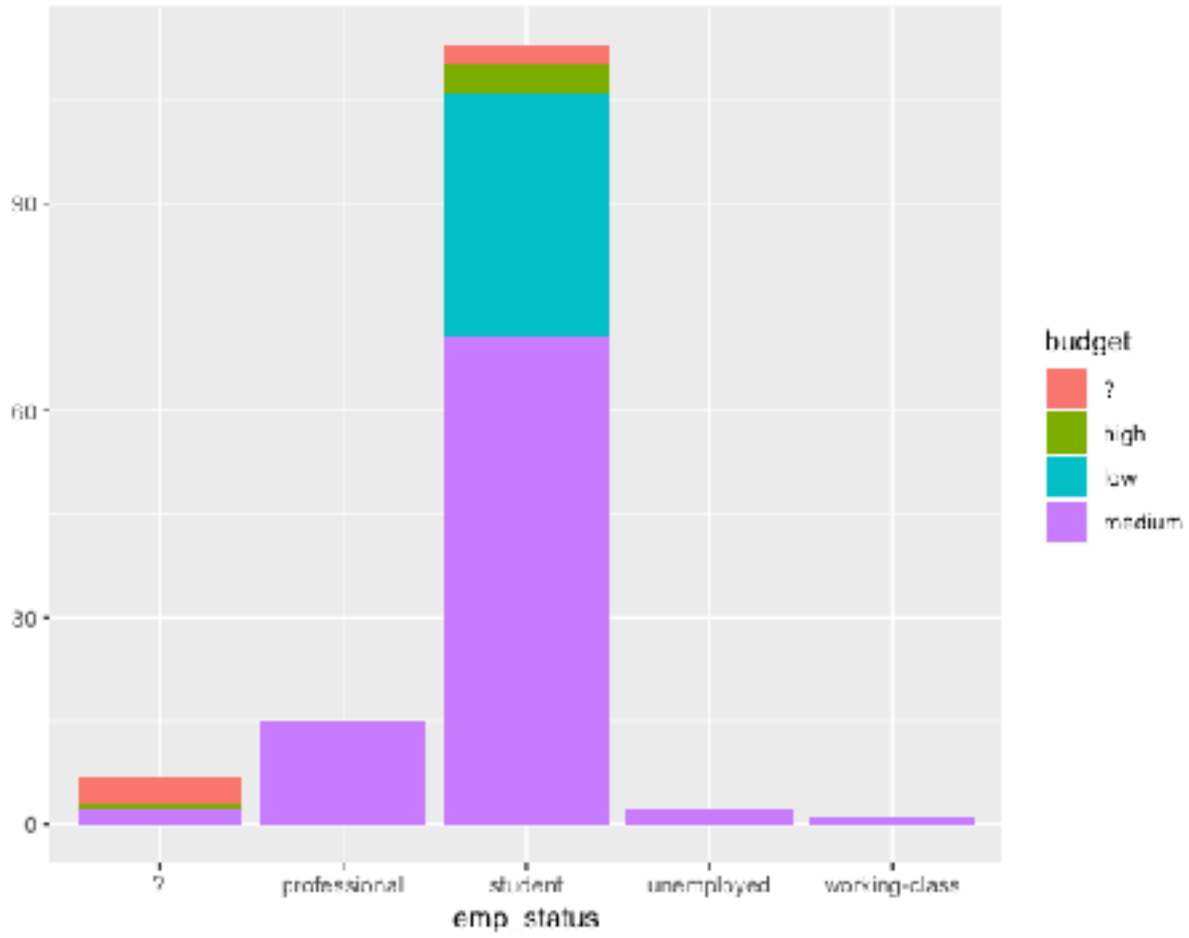
1- The below graph shows the the age range of restaurant customers and what are their professions.

Inference:- mostly visitors are students.



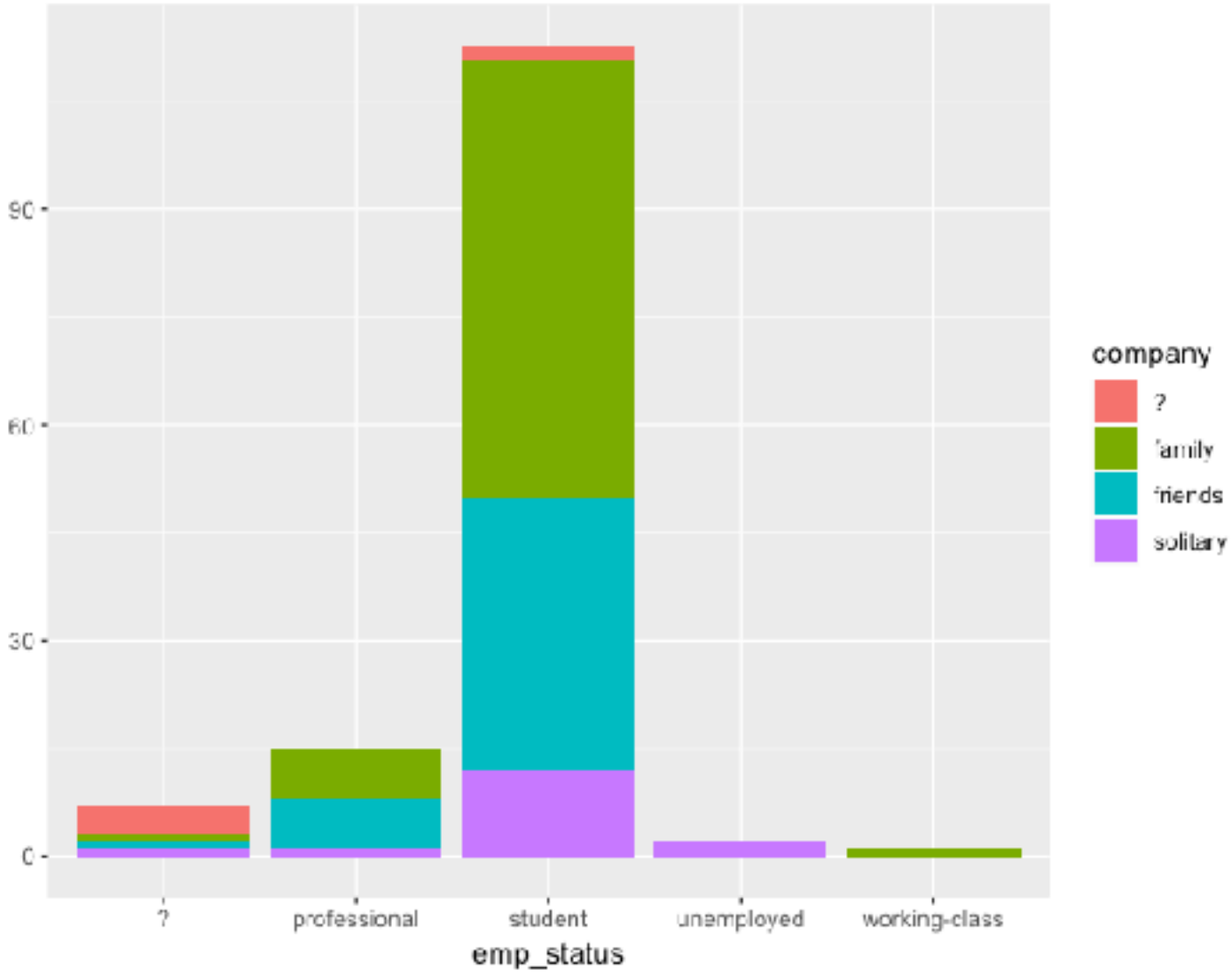
2- The below graph shows what level of budget the restaurant customers carry.

Inference: A lot of customers visiting the restaurant have a medium budget



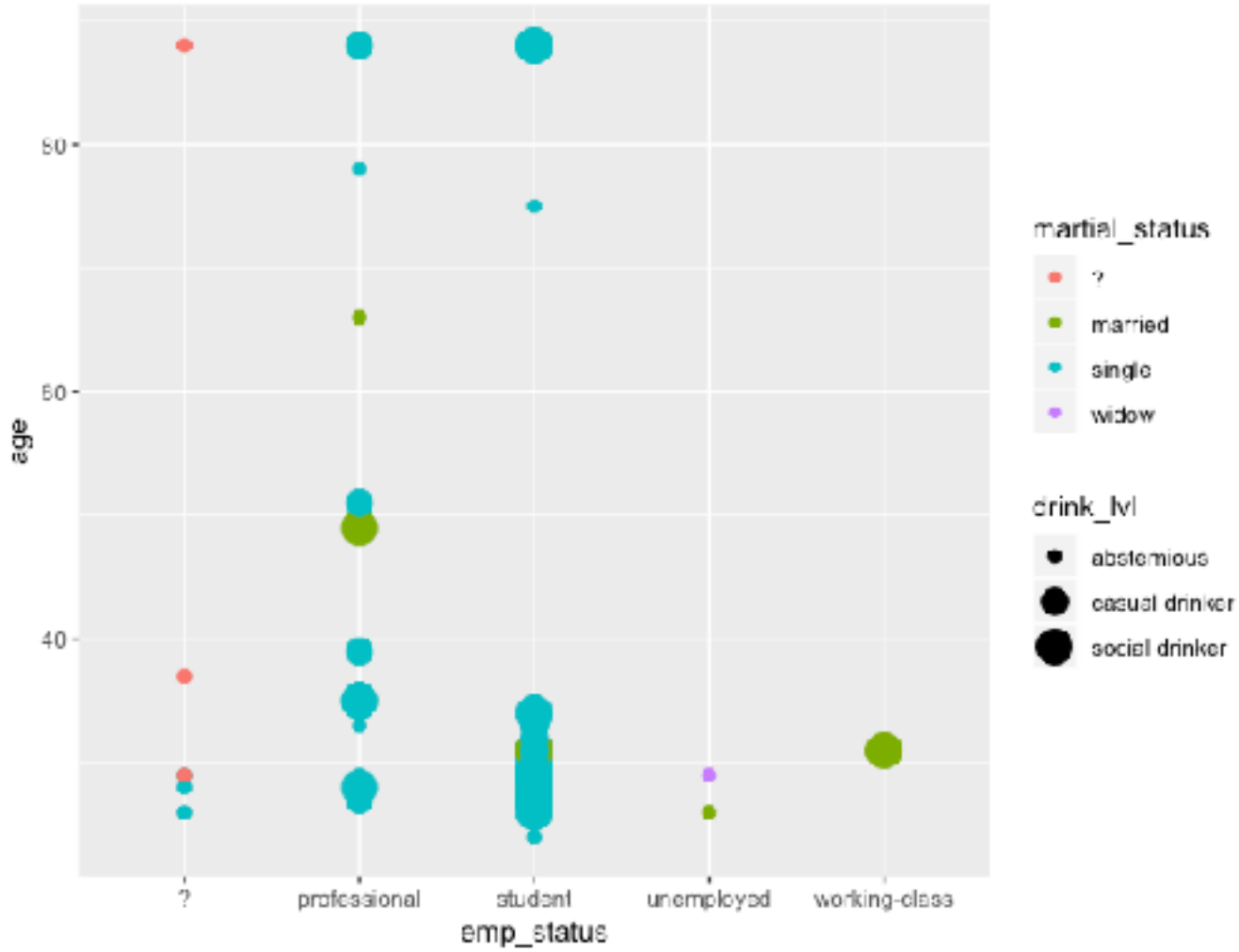
3- The below graph shows that employment status of their customers and what kind of company they usually dine with.

Inference:-Mostly customers who are students likes to dine out with their families.



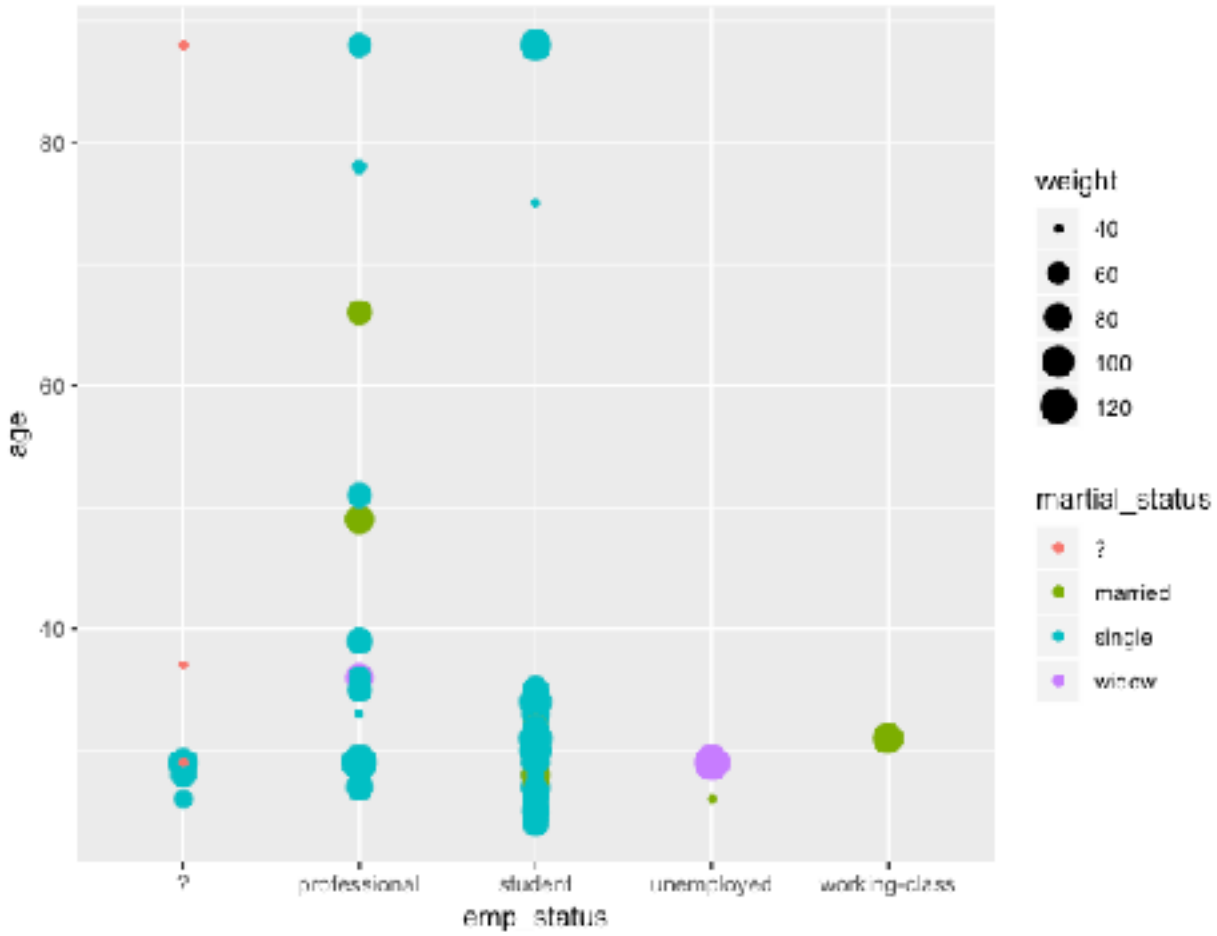
4- The below graph shows that what drink level the customers are used to drink having age range between 0-80. It also shows there martial status.

Inference:- Mostly single people having professions of professionals and students are social drinkers and maximum are below the age 40.

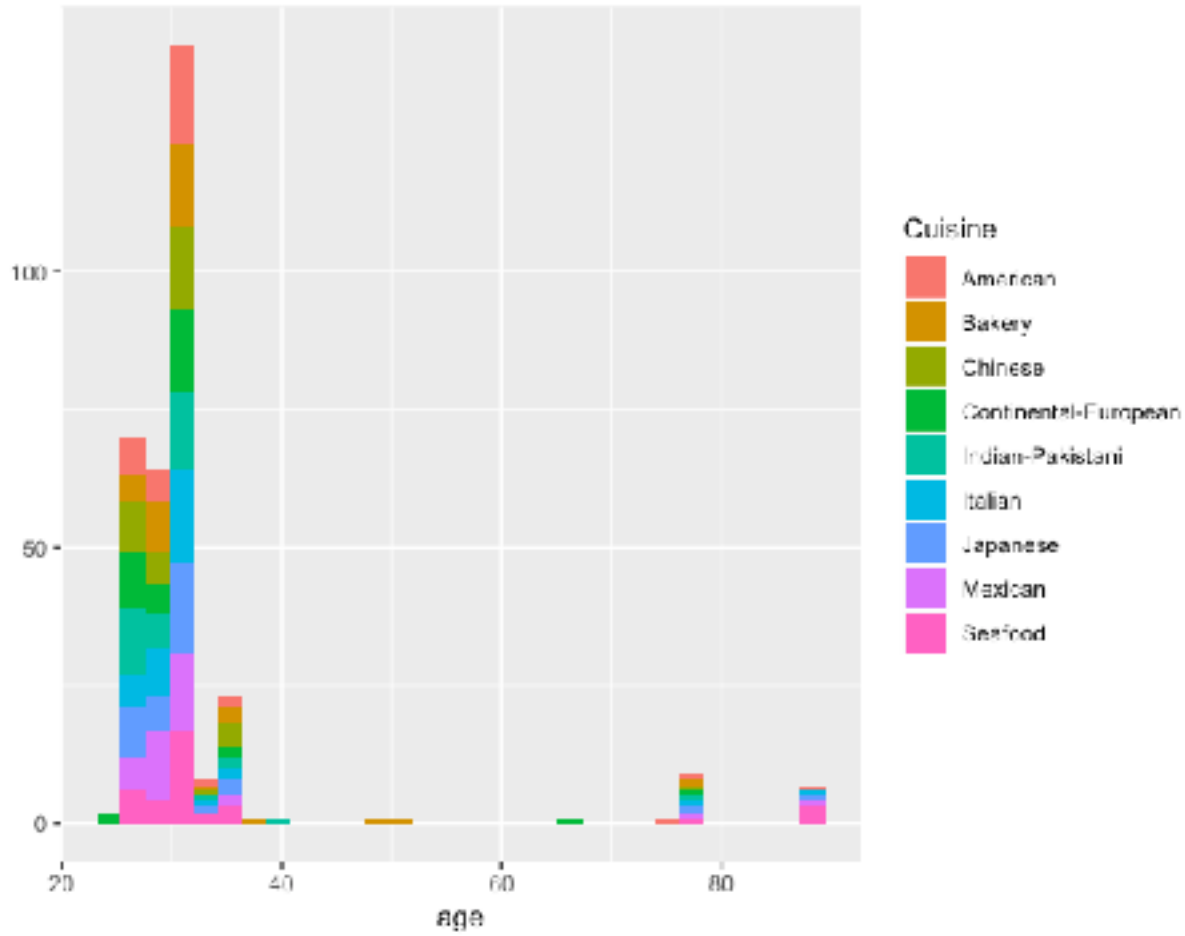


5- The below graph shows the weight levels of the customers age range between 0-80. It also shows there martial status.

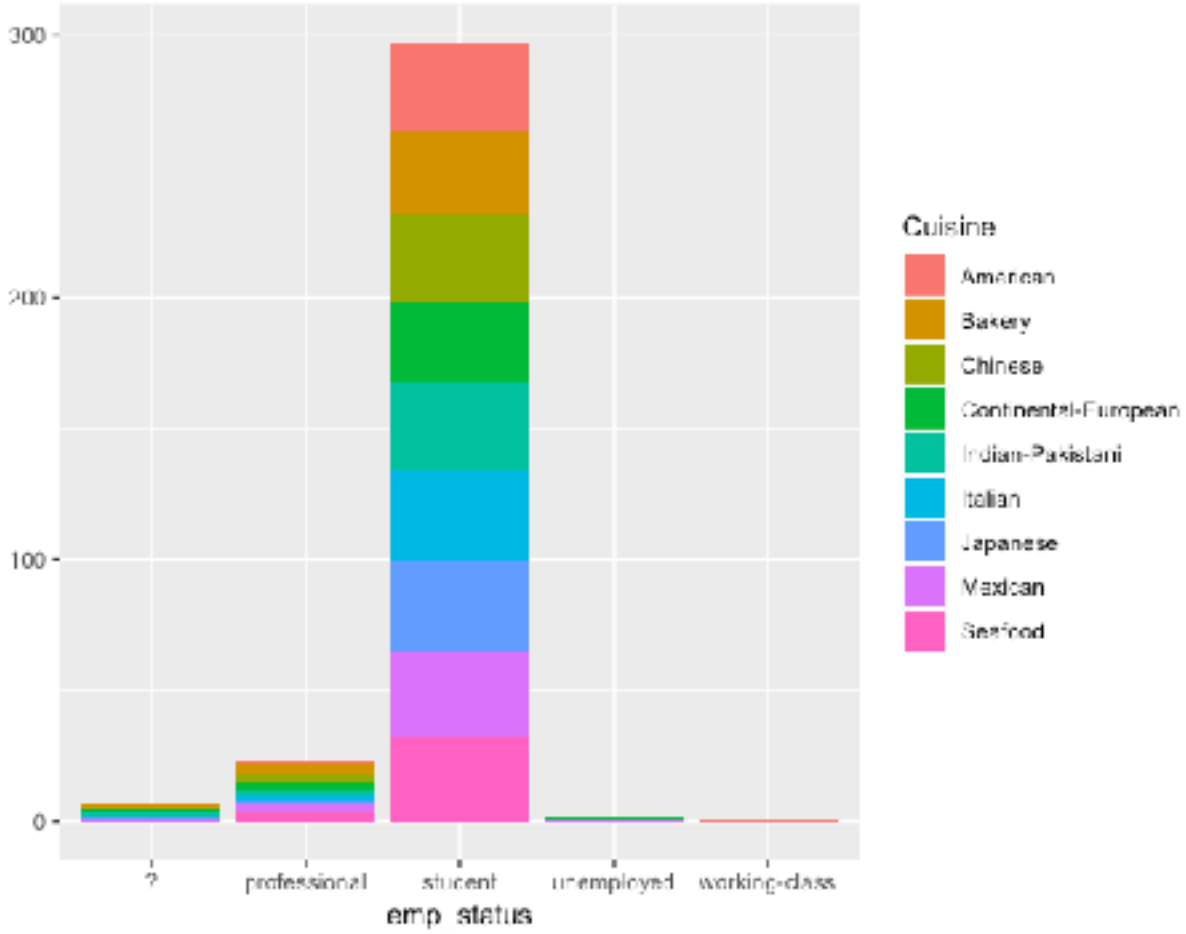
Inference:- Mostly students are in the weight range of 80 -100 and are generally below 40.



6- This graph shows which cuisine are popular amongst various different age groups.

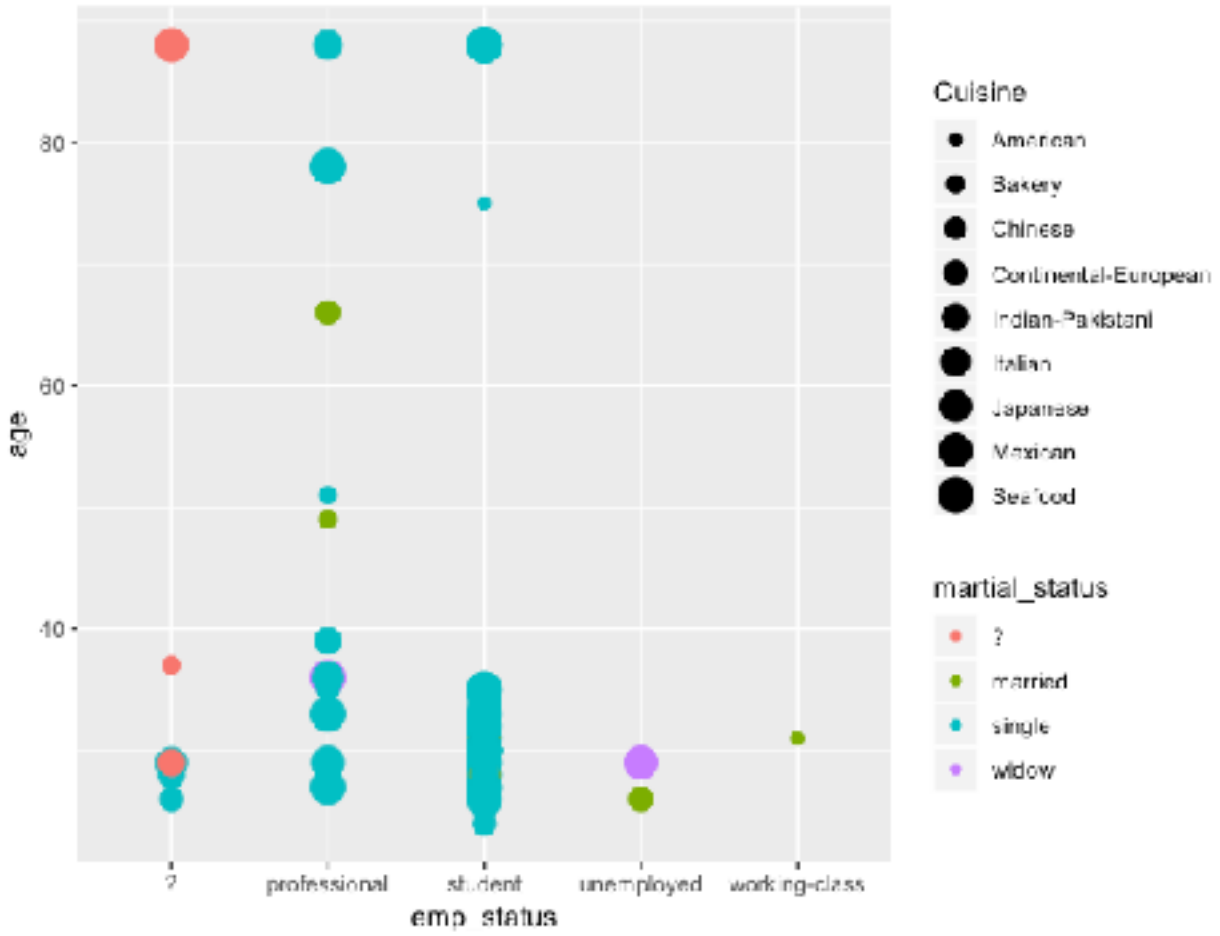


7- This graph shows which cuisine are popular amongst various different customers.



8- The below graph shows the which cuisines are most and least popular among different categories of customers and shows to which age group and marital status they belong to.

Inference:- Seafood and Mexican are most popular amongst students and professionals.



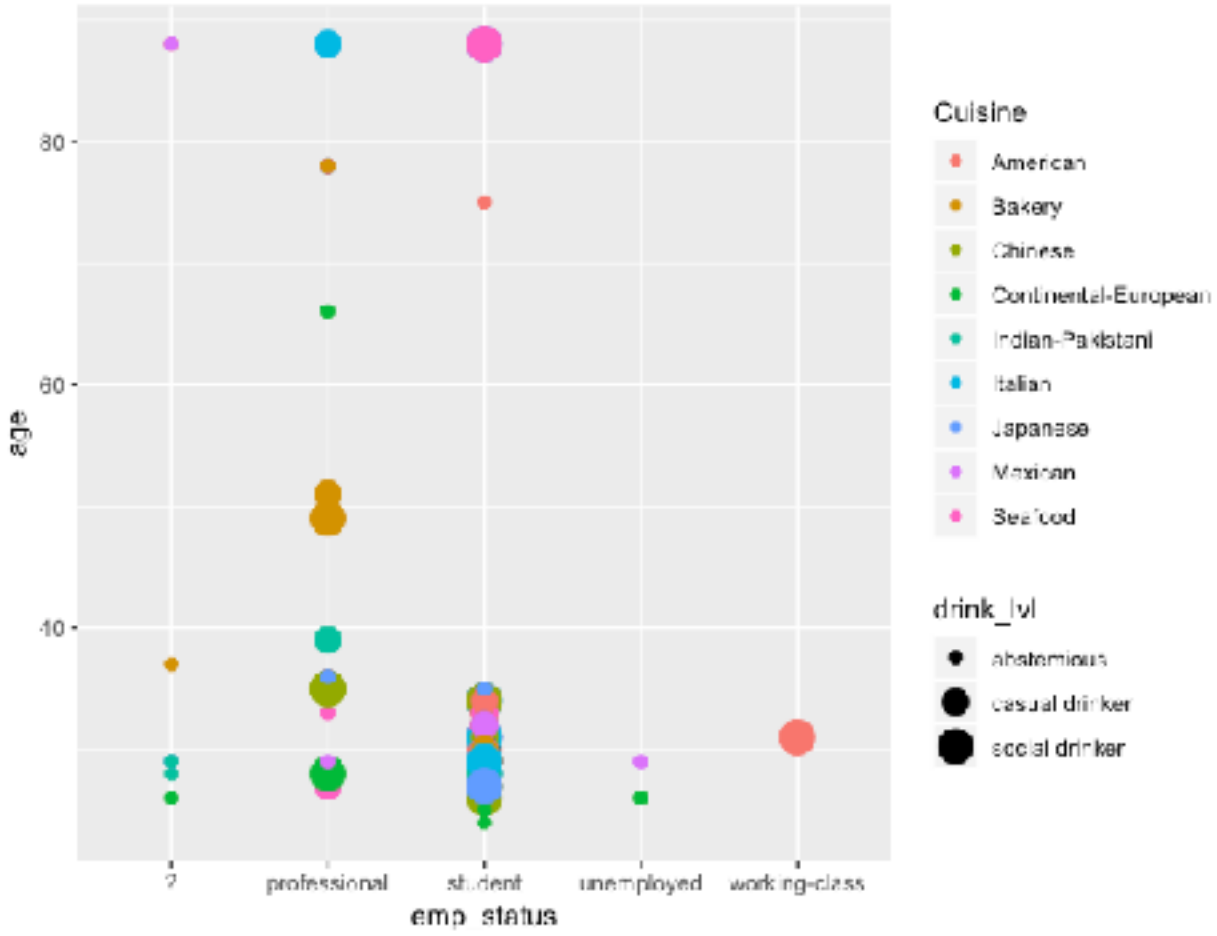
9- The below graph shows that the drink levels of different category of customers along with various cuisines.

Inference:- working class are social drinkers with American cuisine

Professionals like to have drinks with Continental, bakery and Indian cuisines.

Students are heavy drinkers with cuisines like Mexican, Seafood, Italian and

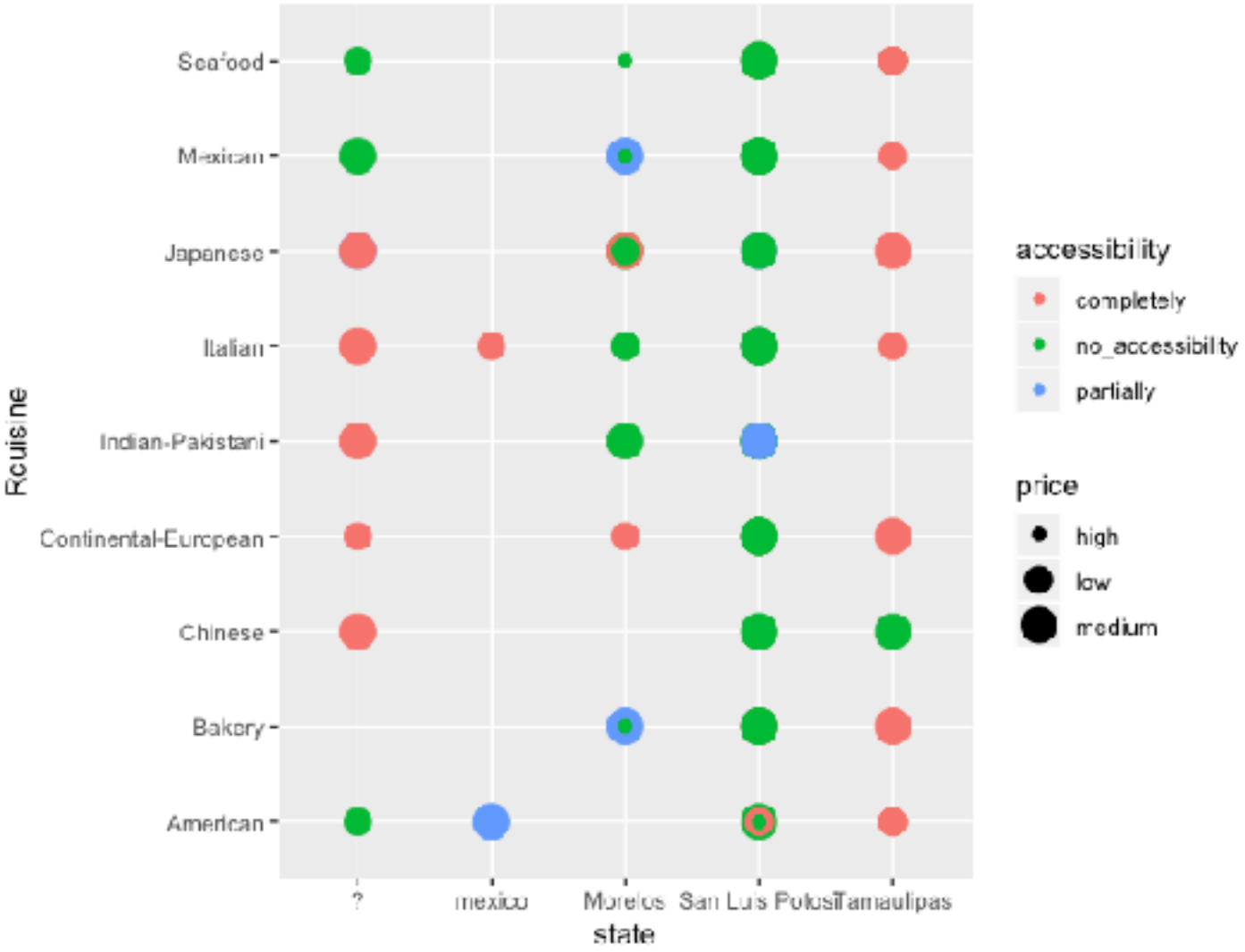
Japanese. Whereas unemployed are rarely into drinks with cuisines.



10- The below graph shows the price levels and accessibility of the restaurants in the state of Mexico.

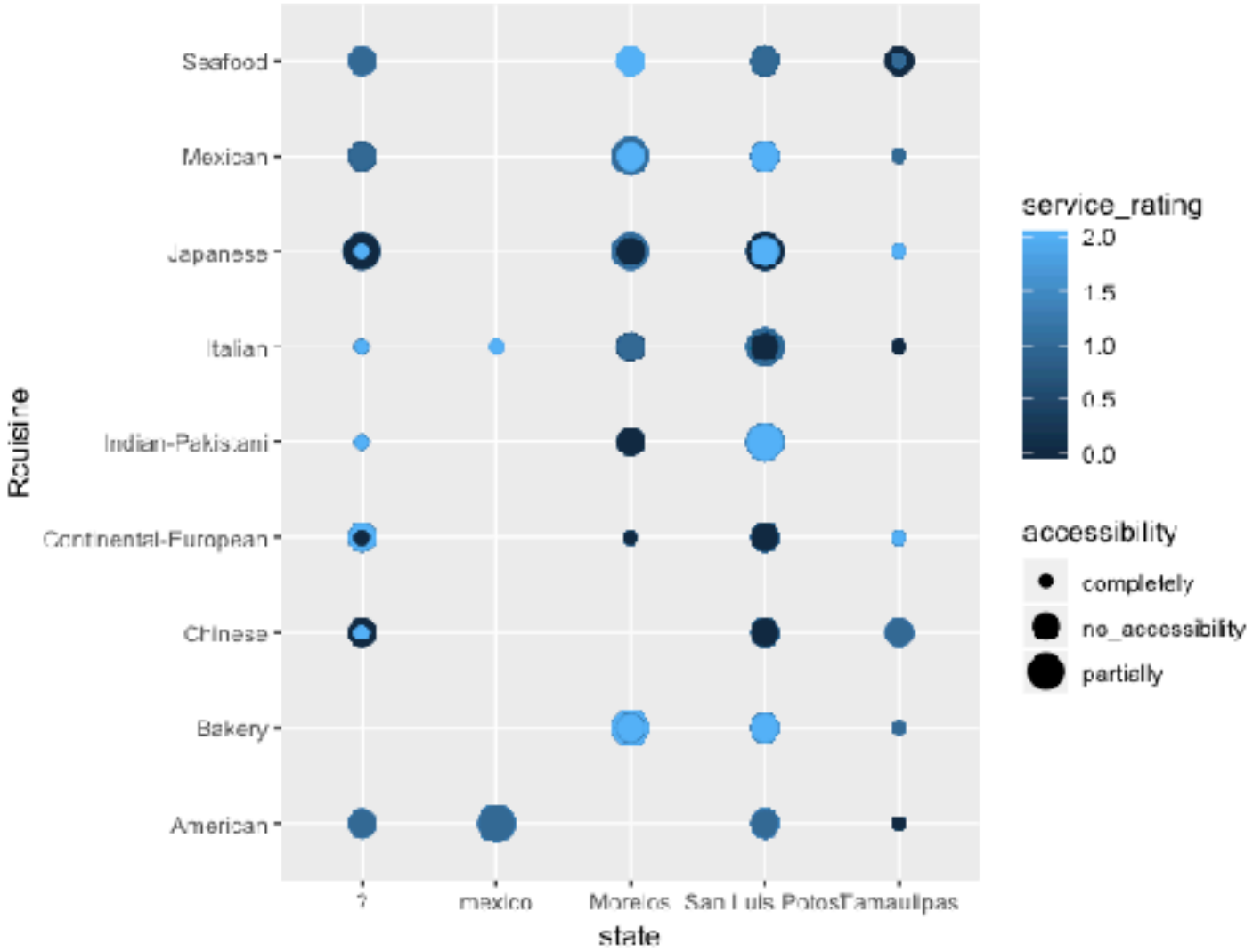
Inference:- The City of San Louis has the highest number restaurants that are not accessible except for one that is partially accessible with medium level price range.

The state of Tamaulipas has the highest number of restaurants that are accessible and the prices are in the range of low to medium



11- The below graph shows that the accessibility and ratings of the restaurants available in different States of Mexico country.

Inference:- Restaurants having partial to no accessibility are having rating between 0 to 1.



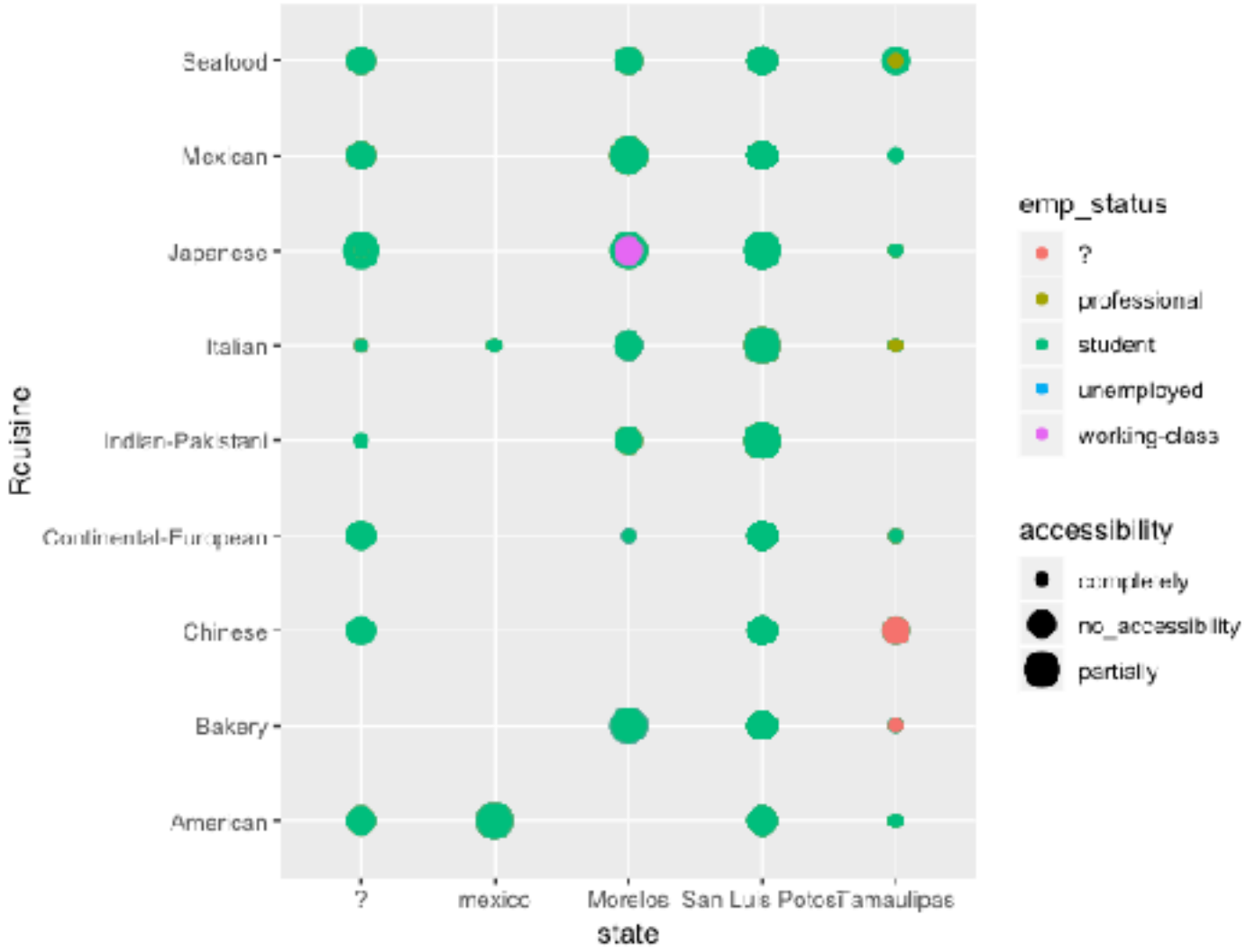
12- This below graph shows the accessibility of the restaurants present in various states of Mexico and which category of customers visit them and what cuisine they prefer.

Inference:- The restaurants available in the state of Tamaulipas are fully accessible.

The restaurants available in the state of San Luis Potos are partially or not accessible at all and mostly visited by students.

The category of professionals are only visiting the restaurants in the city of Tamaulipas.

The category of working class people are only visiting restaurants in the state of Morelos.



13- The below graph shows what category of customers are going for which range of menu pricing in the below the states of Mexico and which cuisine they are preferring the most.

Inference:- Professionals are going for low menu pricing and are opting for sea food and Italian in the state of Tamaulipas.

Working class are going for medium menu pricing in the city of Morelos and opting for Japanese cuisine.

Students are mostly going for all kind of cuisine and mostly targeting medium price menu.
In the state of Morelos they are opting high price menu for seafood cuisine.