1. What is the best place to stay with highest rated airbnb and restaurants?

SELECT DISTINCT L.name, R.name, N.address

FROM airbnb L JOIN yelp\_address N ON L.zipcode = N.zip\_code JOIN yelp R ON R.id = N.id

WHERE L. review\_scores\_location = (SELECT MAX(review\_scores\_location) FROM airbnb)

OR R.rating = (SELECT MAX(rating) FROM yelp);

1. For a given price range, where is the best accommodation to stay? (given price range [$XXX.XX, $YYY.YY])

SELECT \*

FROM airbnb L

WHERE L.price >= "$XXX.XX" AND L.price <= "$YYY.YY"

AND L.review\_scores\_location = (SELECT MAX(review\_scores\_location) FROM airbnb);

1. Which restaurant is open around my airbnb house and rated above 3 star?

SELECT R.name

FROM airbnb L JOIN yelp\_address N ON L.zipcode = N.zip\_code JOIN yelp R ON R.id = N.id

WHERE R.rating > 3.0;

\*We delete “10:00 pm” from our original query since “time” is not included in restaurant schema.

1. What is the average rating of restaurant near my airbnb house? (given lodging name = “XXX”)

SELECT AVG(R.rating)

FROM airbnb L JOIN yelp\_address N ON L.zipcode = N.zip\_code JOIN yelp R ON R.id = N.id

WHERE L.name = "XXX";

\*We change from “average price” to “average rating” of the original query since “price” in not in our restaurant schema.

1. What is the best place to stay in an area given a food preference? (given food description = “XXX”)

SELECT DISTINCT L.name, R.categories, N.address

FROM airbnb L JOIN yelp\_address N ON L.zipcode = N.zip\_code JOIN yelp R ON R.id = N.id

WHERE R.categories LIKE '%XXX%' AND L. review\_scores\_location = (SELECT MAX(review\_scores\_location) FROM airbnb);

1. What are the names and booking links of airbnb houses given zipcode? (given zipcode = “XXXXX”)

SELECT L.name, L.listing\_url

FROM airbnb L

WHERE L.zipcode = "XXXXX";

\*We change this query since we add booking URL into our schema.

1. What is the average price expense of lodging around a restaurant location? (given restaurant = “XXX”)

SELECT AVG(L.price)

FROM airbnb L JOIN yelp\_address N ON L.zipcode = N.zip\_code JOIN yelp R ON R.id = N.id

WHERE R.name = "XXX";

\*We change this query since we have the column “price” in Lodging but not in Restaurant