```
use seattle_airbnb;

CREATE TABLE listings (
    host_id BIGINT,
    host_name VARCHAR(255),
    neighbourhood_group VARCHAR(255),
    neighbourhood VARCHAR(255),
    latitude DOUBLE,
    longitude DOUBLE,
    room_type VARCHAR(255),
    price DOUBLE,
    minimum_nights INT,
    number_of_reviews INT,
    last_review DATE,
    reviews_per_month DOUBLE,
    calculated_host_listings_count INT,
    availability_365 INT,
    number_of_reviews_ltm INT
);



LOAD DATA INFILE 'Add your data file path here complete'
INTO TABLE listings
FIELDS TERMINATED BY ','
ENCLOSED BY '"'
LINES TERMINATED BY '\n'
IGNORE 1 ROWS;


/*start of the project*/

/*Total Listings*/
SELECT COUNT(*) AS Total_listings FROM listings;

/*Average Price*/
SELECT AVG(price) AS Average_price FROM listings;

/*Most Booked Neighbourhood*/
select neighbourhood as Famous_location,
sum(number_of_reviews) as Total_reviews
from listings
group by neighbourhood
order by Total_reviews desc
limit 1;


/*Top Host by Listing Count*/
select host_name as Top_host,
count(*) as Total_listing
from listings
group by host_name
order by Total_listing desc
limit 1;

/*Total Reviews Last month*/
select sum(number_of_reviews_ltm) as Total_reviews
```

```
from listings;

/*Start of visuals*/

/*Listings by room type*/
select room_type , count(*) as room_count
from listings
group by room_type
order by room_count desc;

/*price distribution of room type*/
select room_type,
round(avg(price),2) as Avg_price
from listings
group by room_type
order by Avg_price desc;

/*Neighbourhood wisse Availability*/
select neighbourhood as neigh_type,
round(avg(availability_365),2) as Avg_availability
from listings
group  by neigh_type
order by Avg_availability desc
limit 10;

/*Trends of reviews per month*/
SELECT
    YEAR(last_review) AS review_year,
    SUM(reviews_per_month) AS total_reviews
FROM listings
WHERE last_review IS NOT NULL AND YEAR(last_review) != 1900
GROUP BY review_year
ORDER BY review_year;



/*Average price of neighbourhood group*/
select neighbourhood_group as neigh_grp,
round(avg(price),2) as Average_price
from listings
group by neigh_grp
order by Average_price desc;
```