**Thinkful 1\_2\_6 Questions – San Francisco AirBnB**

1. What's the most expensive listing? What else can you tell me about the listing?

2. What neighborhoods seem to be the most popular?

3. What time of year is the cheapest time to go to San Francisco? What about the busiest?

1. What's the most expensive listing? What else can you tell me about the listing?

***Full House Victorian: 7500 SqFt.... at $10,000***

***It has 3 reviews***

SELECT

name,

MAX(price) AS price

FROM sfo\_listings

GROUP BY 1

ORDER BY price DESC;

SELECT

name,

number\_of\_reviews as reviews,

MAX(price) AS price

FROM sfo\_listings

GROUP BY 1,2

ORDER BY price DESC;

2. What neighborhoods seem to be the most popular?

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***Using the total number of reviews per month for each neighborhood the seeminly popular neighborhoods are as follows: Mission, Outer Sunset, Western Addition, Bernal Heights, Castro/Upper Market***

SELECT

SUM(reviews\_per\_month) as reviews,

neighbourhood

FROM sfo\_listings

GROUP BY 2

ORDER BY 1 DESC

LIMIT 5

;

3. What time of year is the cheapest time to go to San Francisco? What about the busiest?

***This cheapest time of year to book in San Francisco is February. The busiest months are September, October, and July***

SELECT

SUM(sfo\_listings.price) AS monthly\_price,

EXTRACT(MONTH FROM sfo\_calendar.calender\_date) AS month\_available

FROM

sfo\_listings

JOIN

sfo\_calendar

ON

sfo\_listings.id = sfo\_calendar.listing\_id

GROUP BY month\_available

ORDER BY monthly\_price

;

SELECT COUNT(available) AS units\_booked, EXTRACT(MONTH FROM calender\_date) AS months\_booked

FROM sfo\_calendar

WHERE available = 'f'

GROUP BY months\_booked

ORDER BY units\_booked DESC

;