Tableau

1. Load the text file of data to tableau.

2. Go to worksheet.

Creating bins:

We can create bins with ranges, year bins for example.
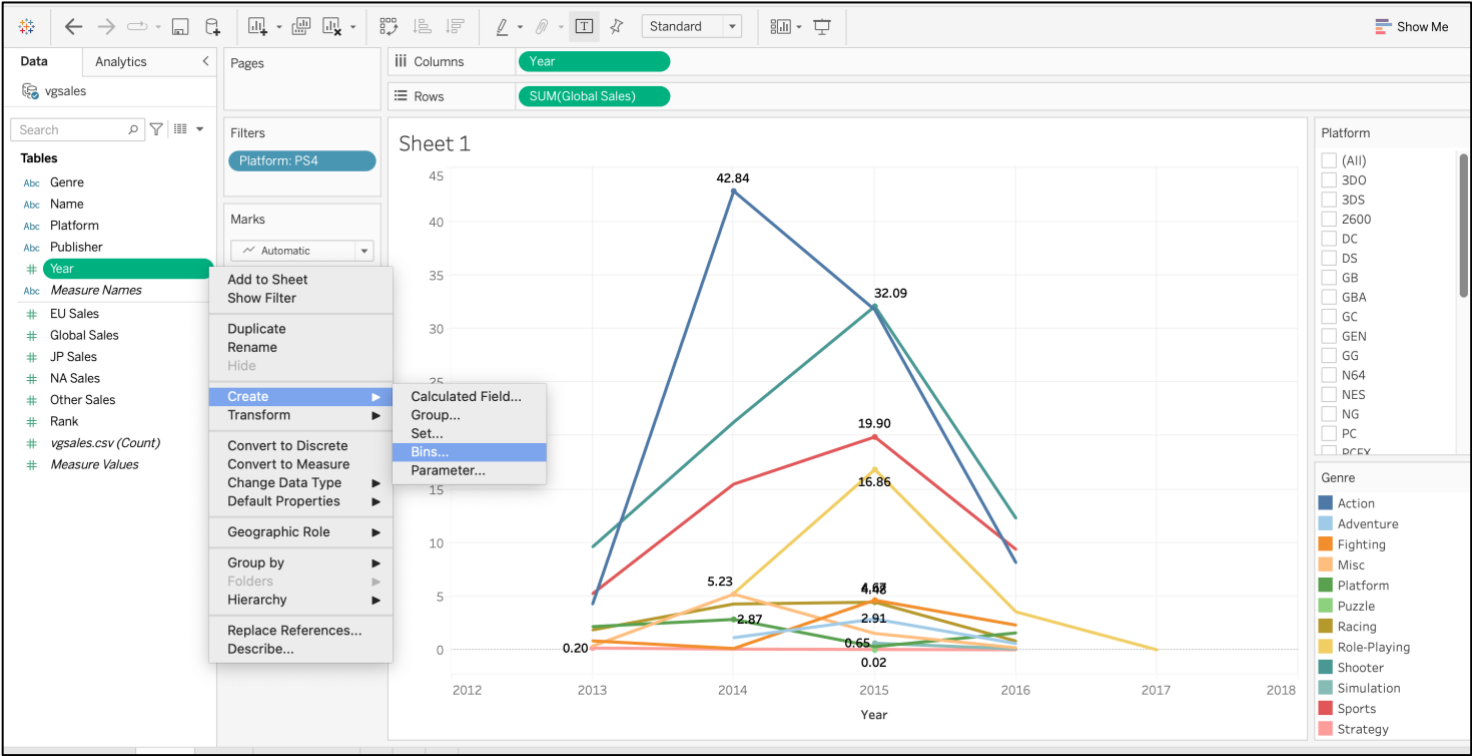
Calculated fields:
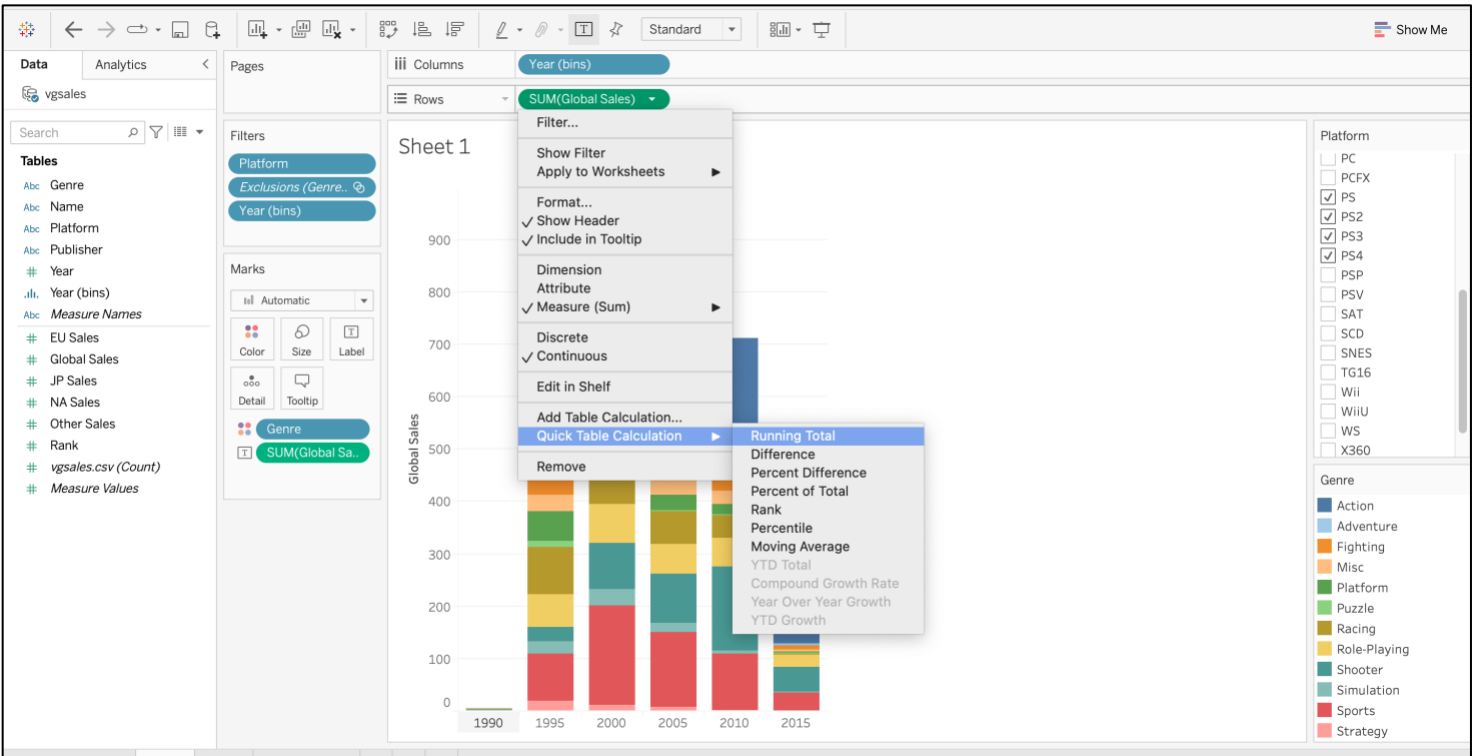
We can save the calculations as one of the values. Just by dragging and dropping, rename.

Another way to create calculated field:

Joins in tableau.

Open the joins first by doing so:

Drag and drop tables to create join.

Add multiple joins.
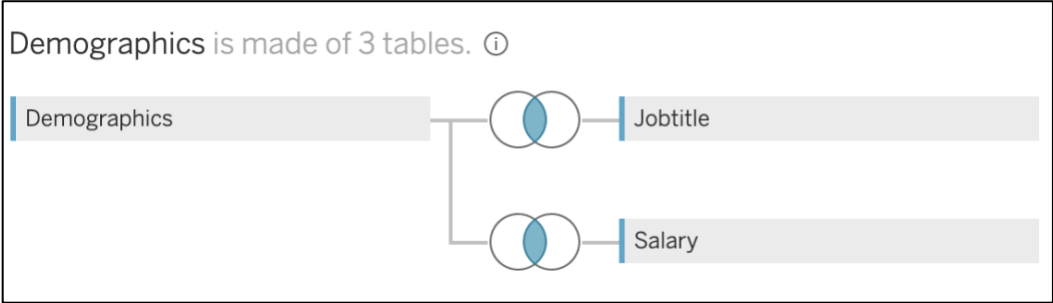
1. Inner join by listing ID
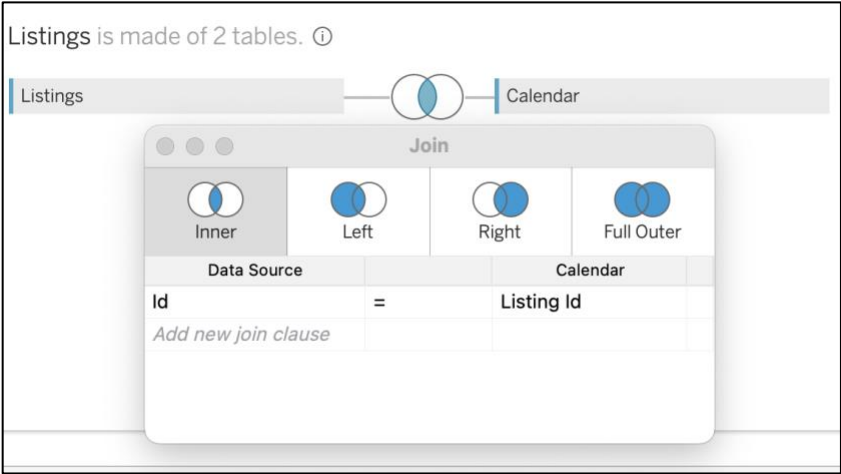
2. Join review and Listings.
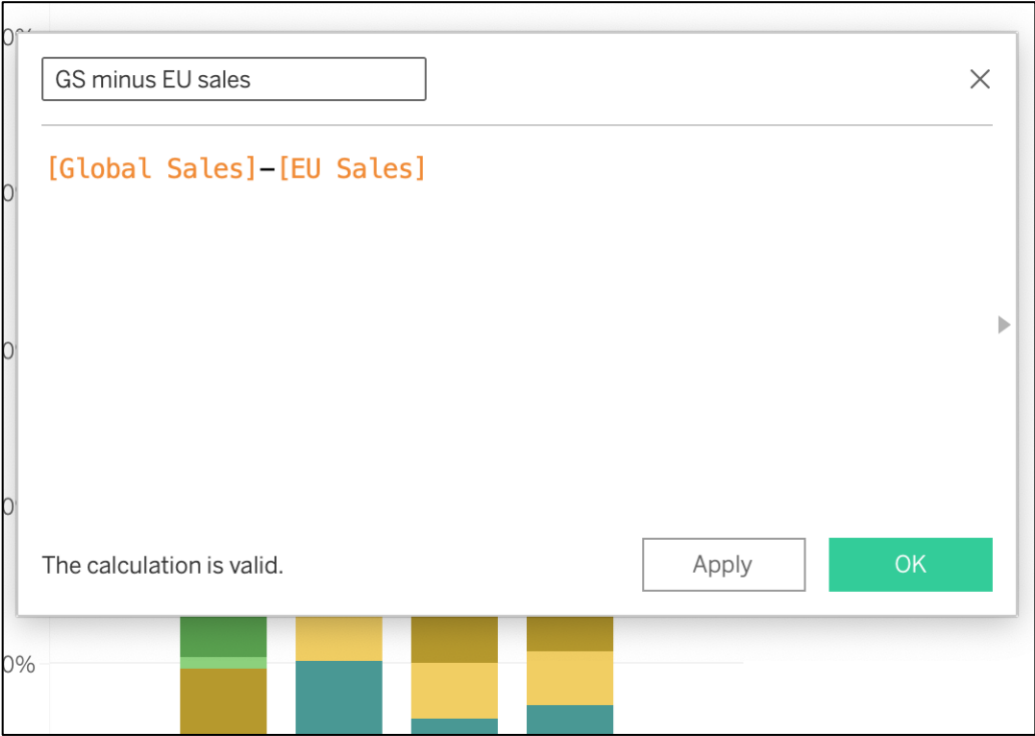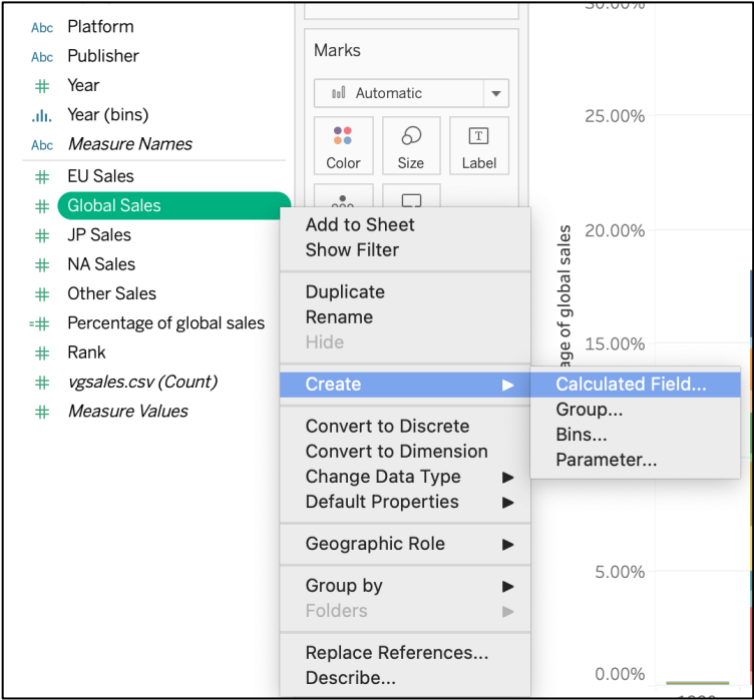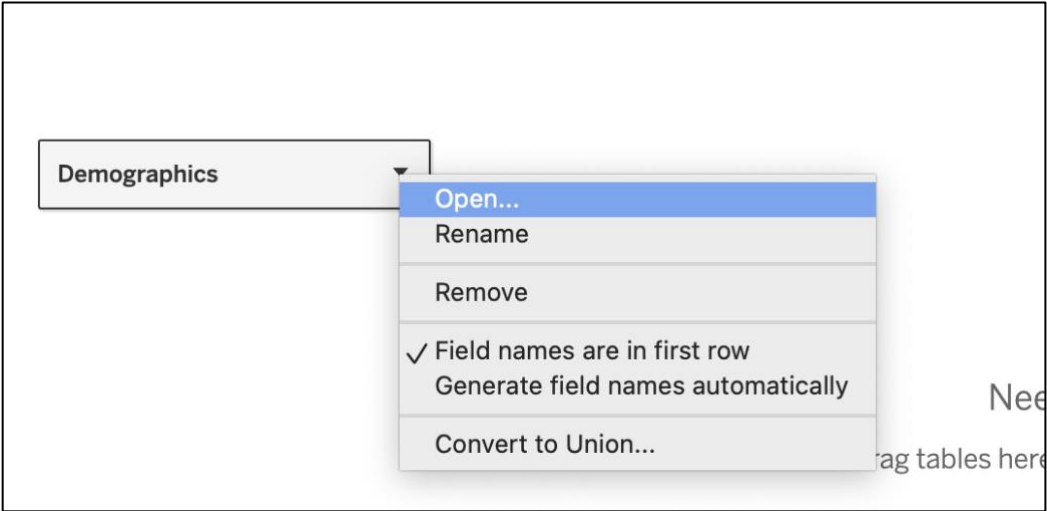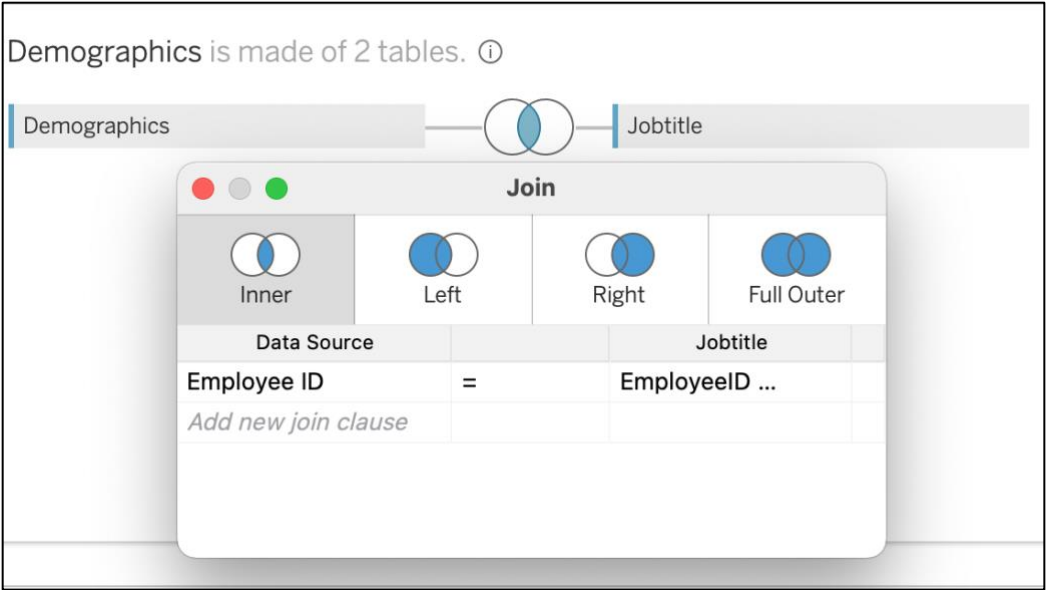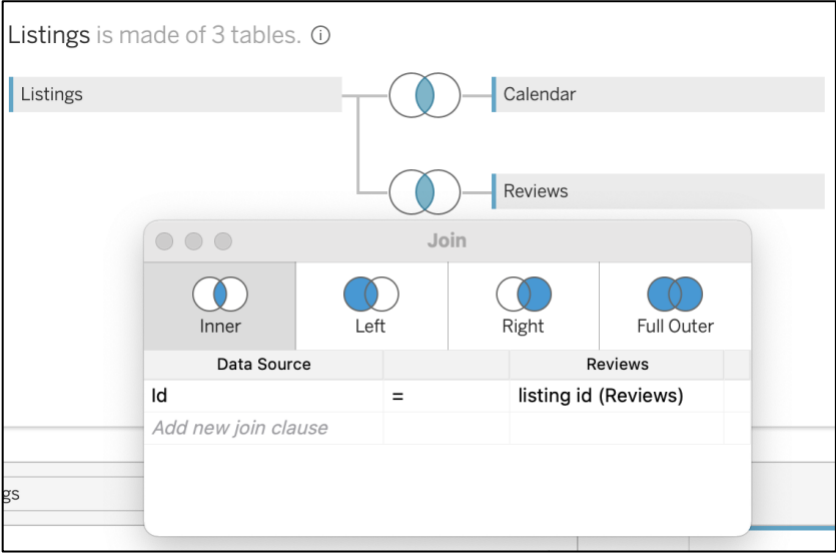

3. Adding data to sheets
4. Since the data is too large it cannot be added.
5. Remove reviews and add sheets.

Use cases:

where should we buy a home and put up for Airbnb? Which is the best place for Airbnb?

Solution: we need zip code and price.
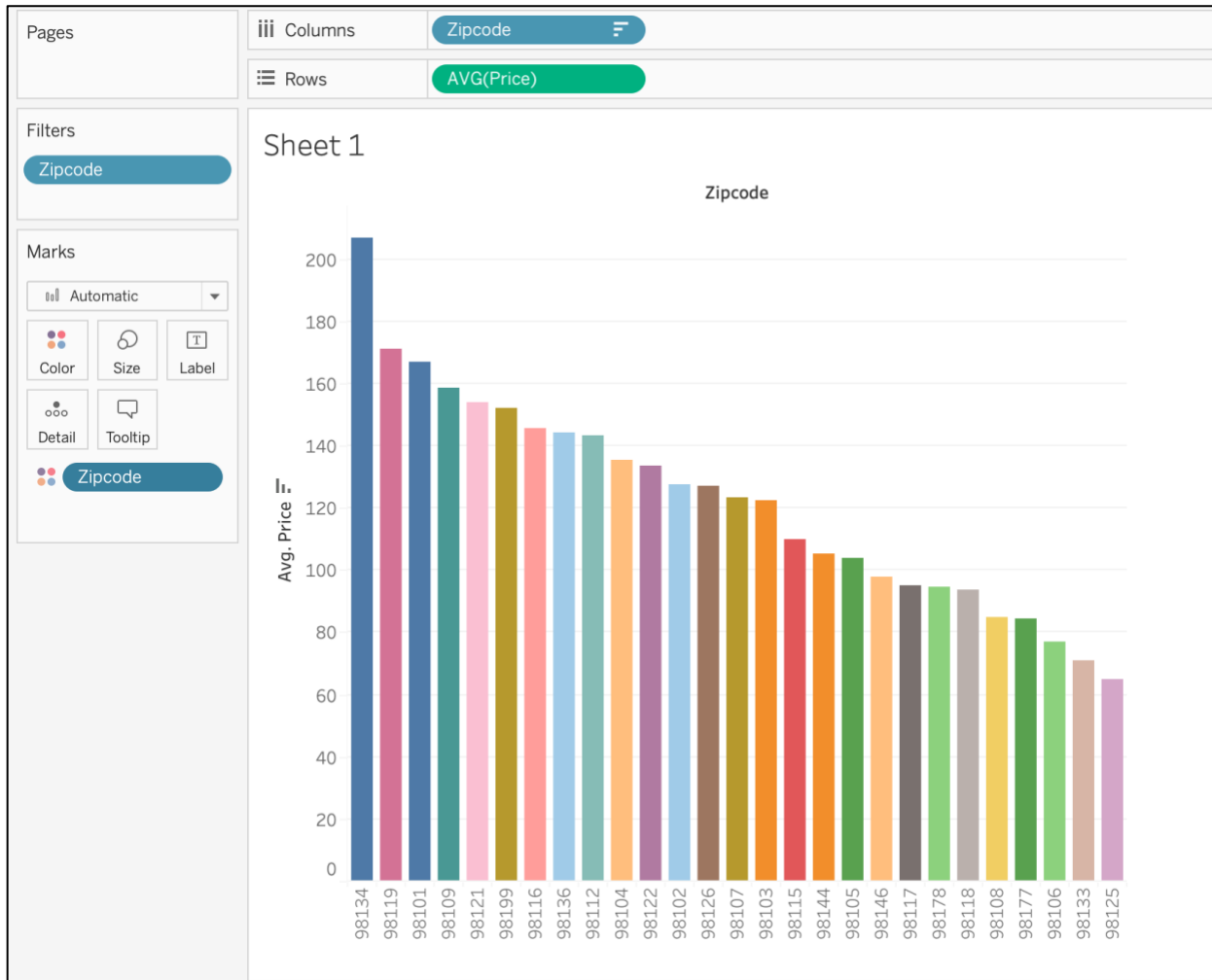
- Filter by zip code: remove null.
- Get the avg(price) for rows and zip code for columns.
- Add color to zip code.
- By this we know zip code: 98134 has highest price.

Map
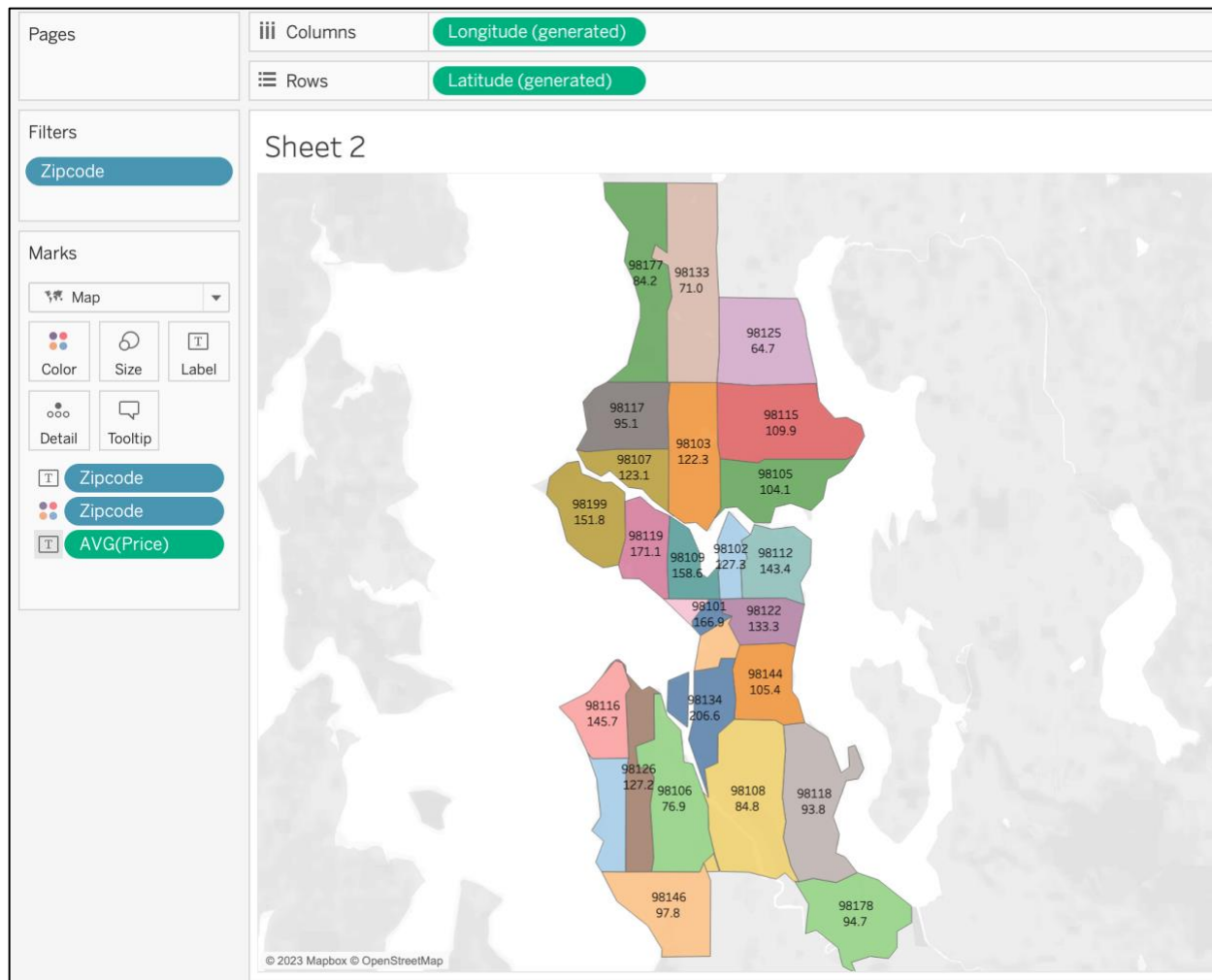
- Add zip code to columns and select map on show me. It generated lat and lon automatically.
- Add colors.
- Add label.
- Add avg(price) as label.

What is the best time to put the house on Airbnb.
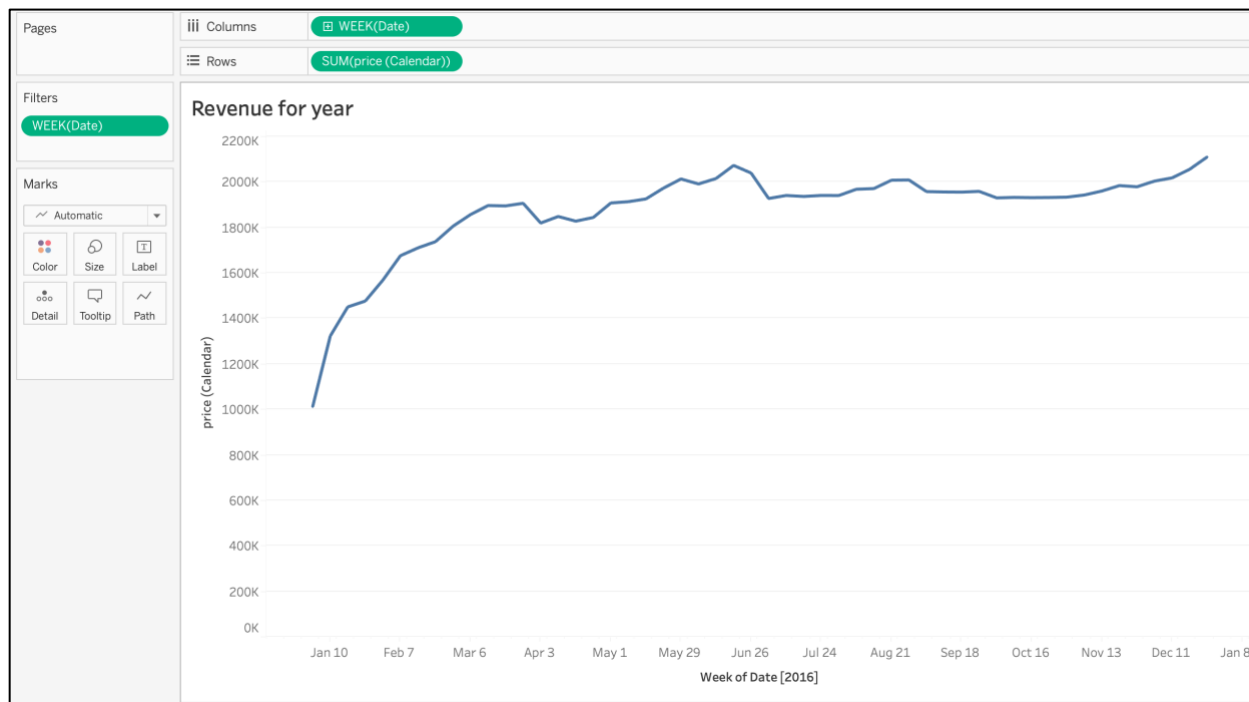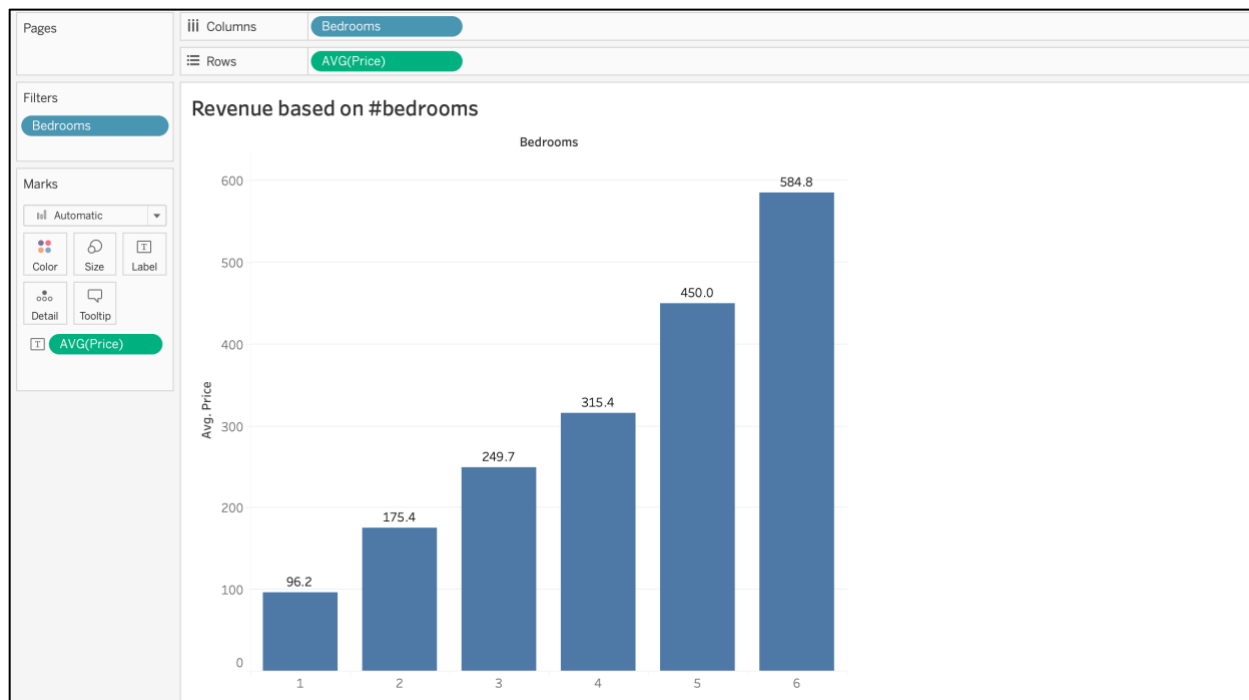
Solution: use date

After adding the field change date-> click on the down arrow on date -> select year in first section -> select weekly in second section -> adjust the date in filter.

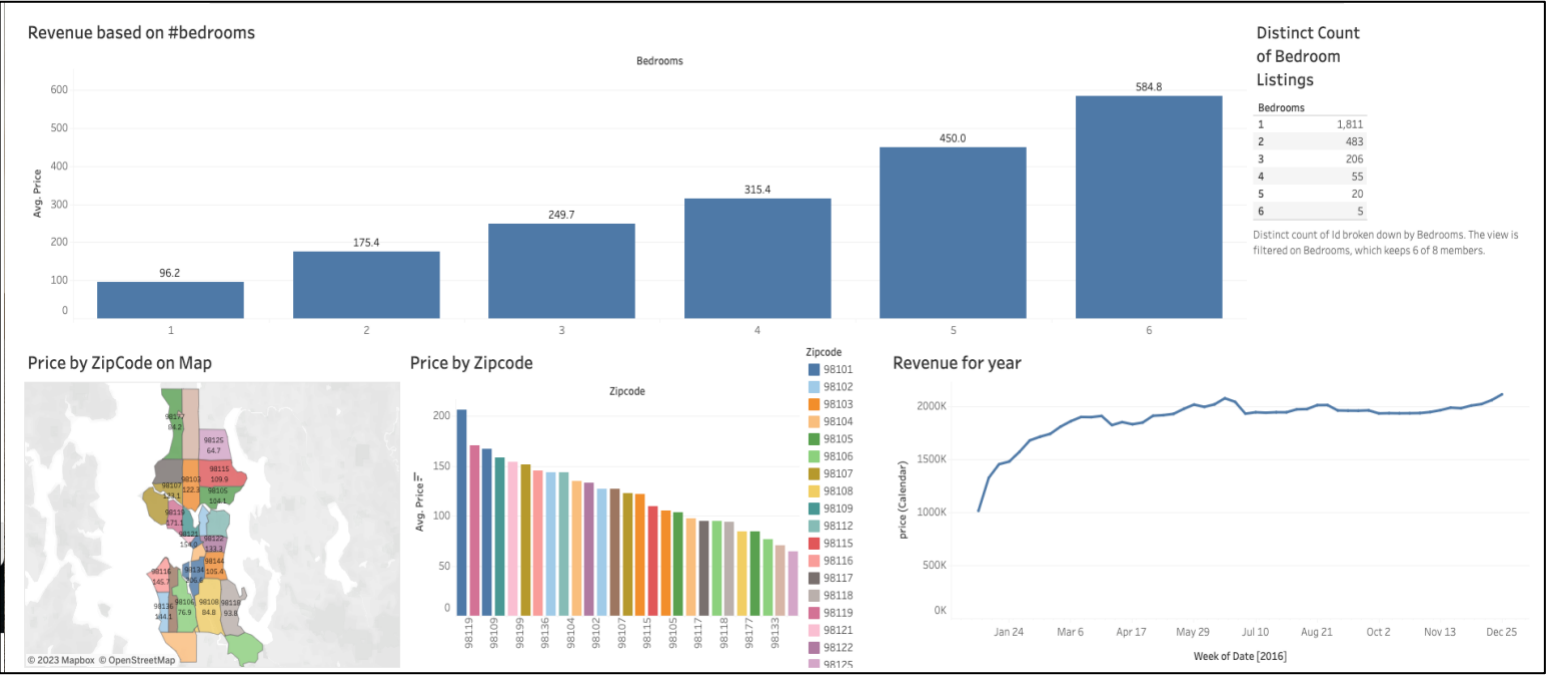*How does the no of bedroom affect the price/revenue it can make.*

- Convert the bedrooms to dimension by right clicking on bedrooms.
- Add to bedrooms to columns after conversion and price to rows.

What is the competition like for bedrooms.
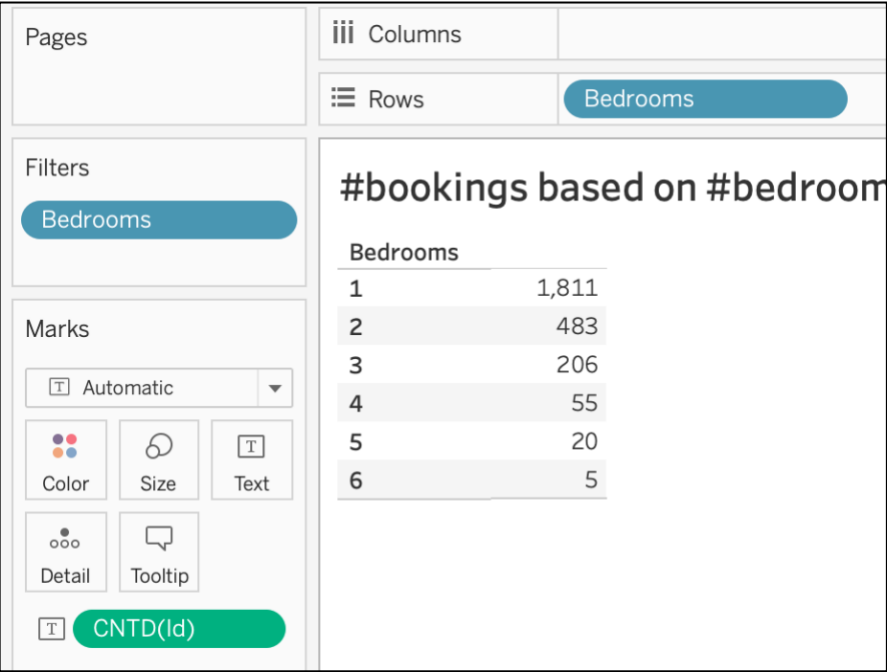
- Add bedrooms to rows.
- Get the nulls and 0 rooms excluded in filters.
- Add text label of distinct count of Id of booking.

Dashboard:

Drag and drop sheets and adjust the label, title and looks.