

Tableau

1. Load the text file of data to tableau.

vg-sales

Text file

Use Data Interpreter

Data Interpreter might be able to clean your Text file workbook.

vg-sales.csv

New Union

New Table Extension

vg-sales.csv

11 fields 16598 rows

100 rows

Rank

60

Name

Super Mario 64

Platform

DS

Year

2004

Genre

Platform

Publisher

Nintendo

NA Sales

5.0

Type

Rank

vg-sales.csv

Rank

Field Name

Name

vg-sales.csv

Name

Physical T...

Platform

vg-sales.csv

Platform

Rem...

Year

vg-sales.csv

Year

Genre

vg-sales.csv

Genre

Publisher

vg-sales.csv

Publisher

NA Sales

vg-sales.csv

NA Sales

EU Sales

vg-sales.csv

EU Sales

JP Sales

vg-sales.csv

JP Sales

Rank	Name	Platform	Year	Genre	Publisher	NA Sales
60	Super Mario 64	DS	2004	Platform	Nintendo	5.0
61	Just Dance 3	Wii	2011	Misc	Ubisoft	6.0
62	Call of Duty: Ghosts	X360	2013	Shooter	Activision	6.7
63	Halo: Reach	X360	2010	Shooter	Microsoft Ga...	7.0
64	Mario Kart 64	N64	1996	Racing	Nintendo	5.5
65	New Super Mario Bros. 2	3DS	2012	Platform	Nintendo	3.6
66	Halo 4	X360	2012	Shooter	Microsoft Ga...	6.6
67	Final Fantasy VII	PS	1997	Role-Playing	Sony Compu...	3.0
68	Call of Duty: Ghosts	PS3	2013	Shooter	Activision	4.0
69	Just Dance 2	Wii	2010	Misc	Ubisoft	5.8
70	Gran Turismo 2	PS	1999	Racing	Sony Compu...	3.8
71	Call of Duty 4: Modern Warf...	X360	2007	Shooter	Activision	5.5

2. Go to worksheet.

vg-sales

Search

Tables

Genre

Name

Platform

Publisher

Year

Measure Names

EU Sales

Global Sales

JP Sales

NA Sales

Other Sales

Rank

vg-sales.csv (Count)

Measure Values

Filters

Automatic

Color

Size

Text

Detail

Tooltip

Columns

Rows

Sheet 1

Drop field here

Drop field here

Drop field here

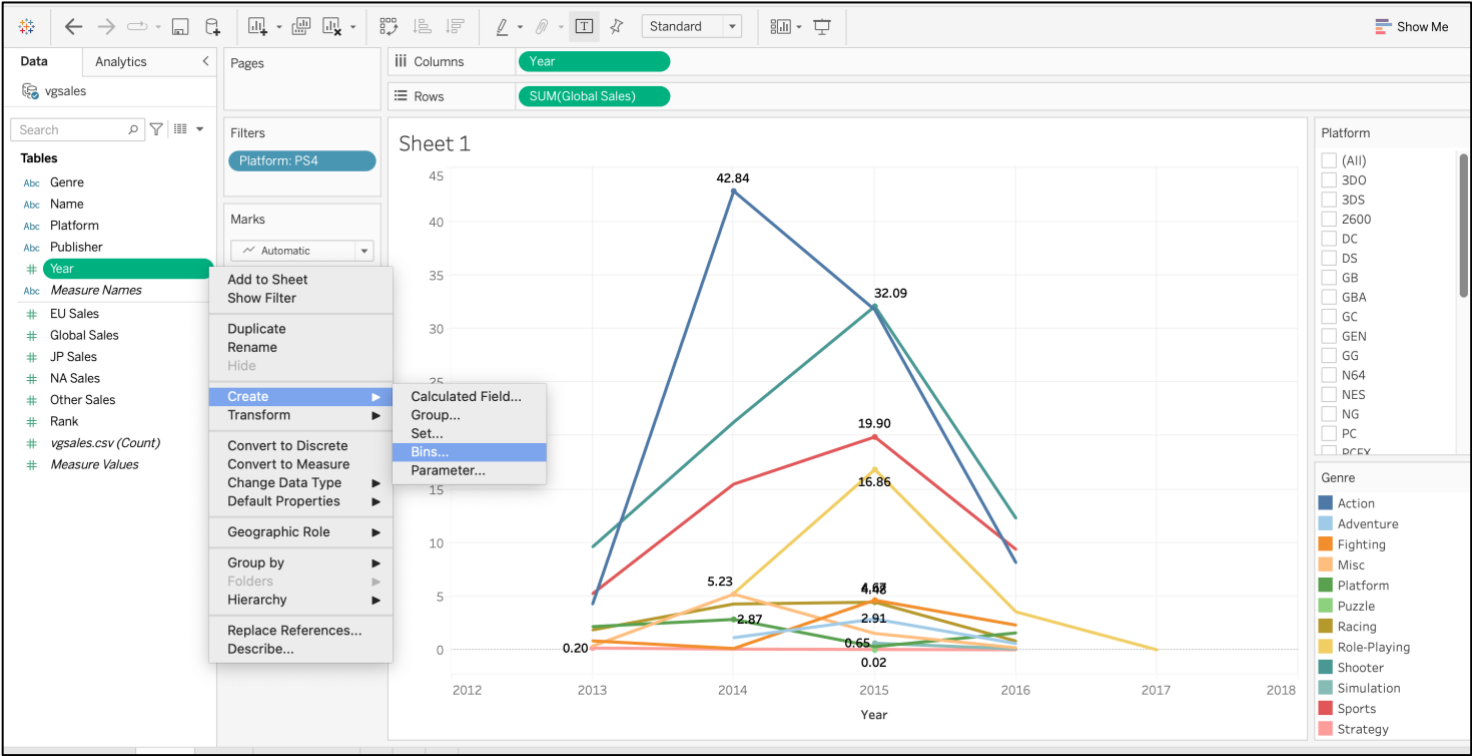
Visualizations

Select or drag data

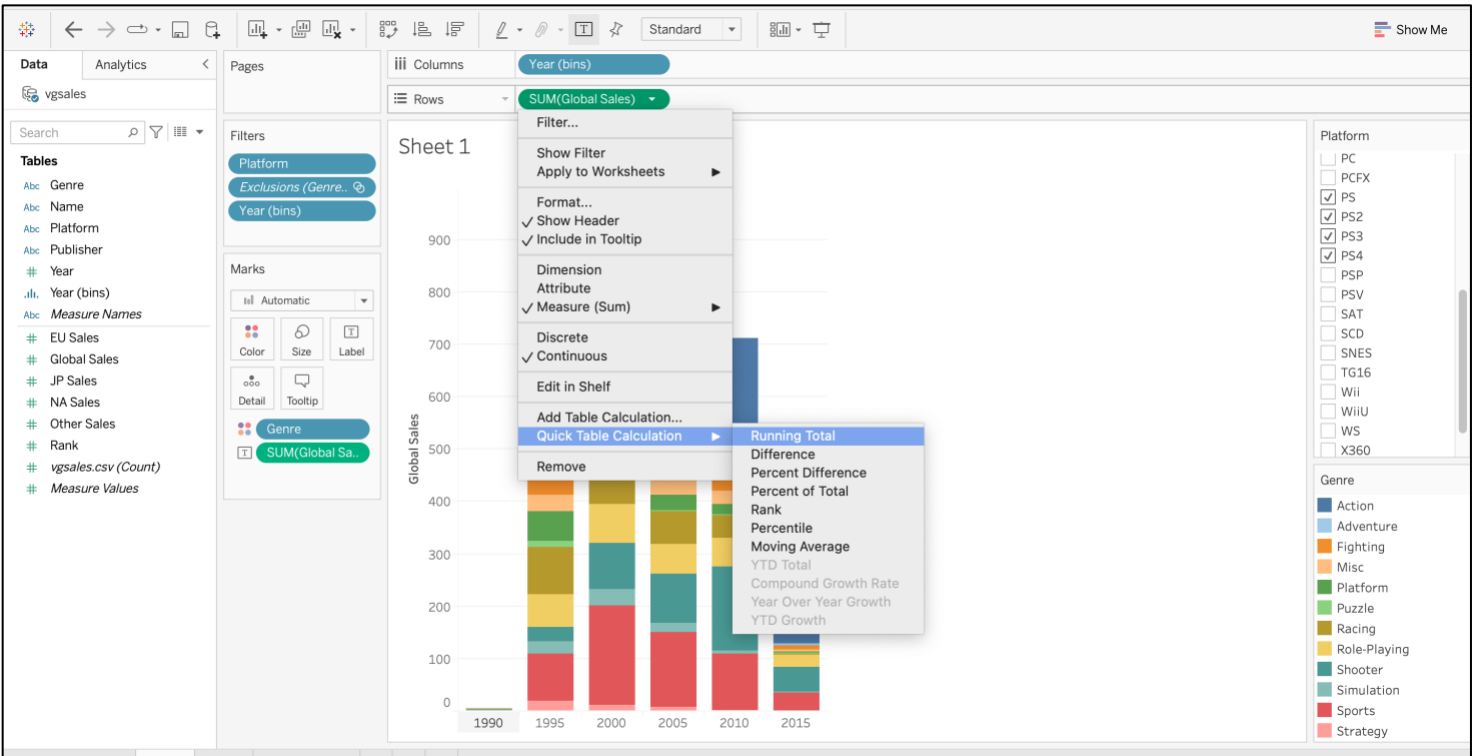
Use the Shift or Cmd key to select multiple fields

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.

Data

Analytics

vgsales

Search

Tables

Genre

Name

Platform

Publisher

Year

Year (bins)

Measure Names

EU Sales

Global Sales

JP Sales

NA Sales

Other Sales

Percentage of global sales

Rank

vgsales.csv (Count)

Measure Values

Filter

PI

Ye

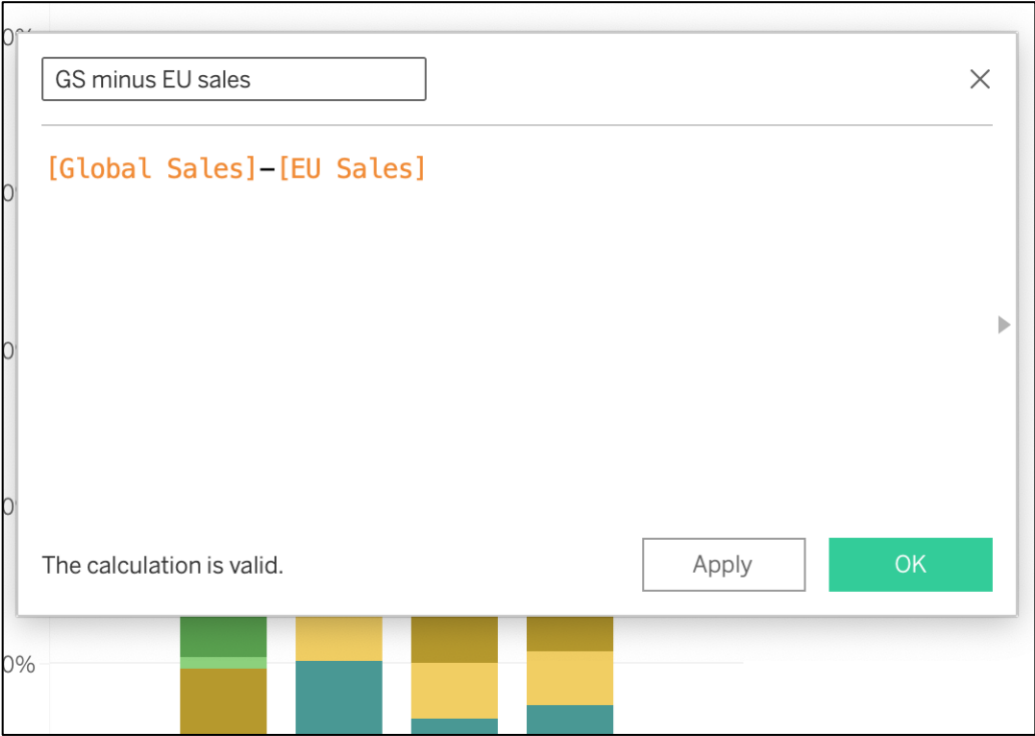
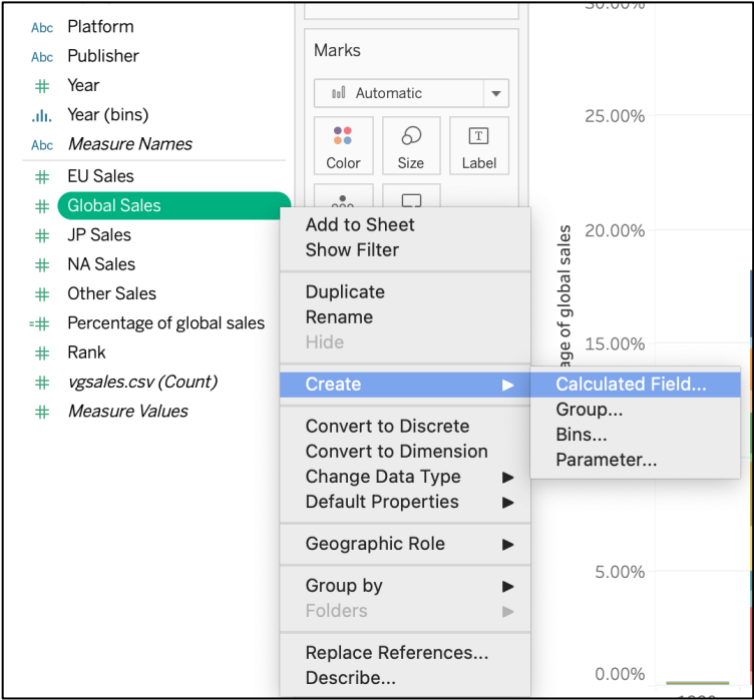
Ma

Co

De

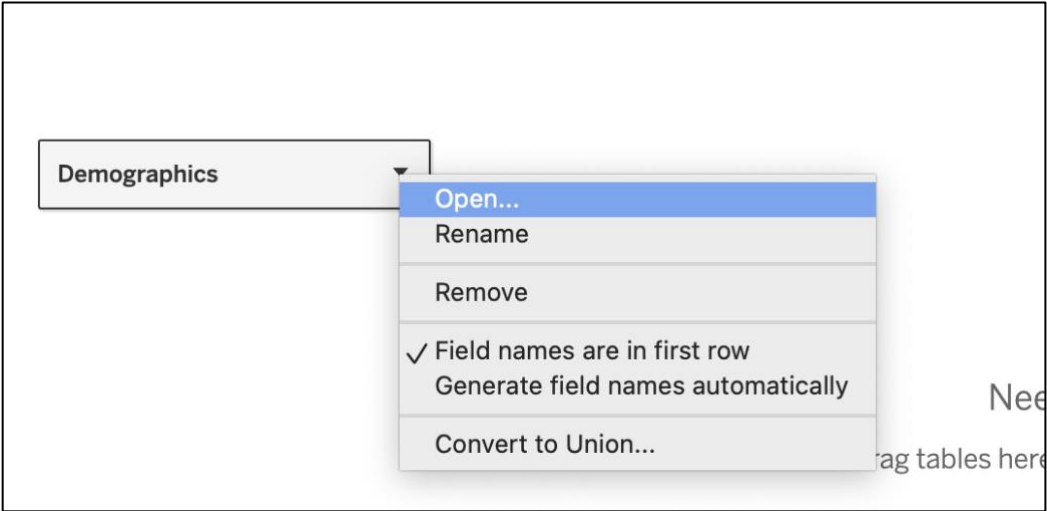
T

Another way to create calculated field:

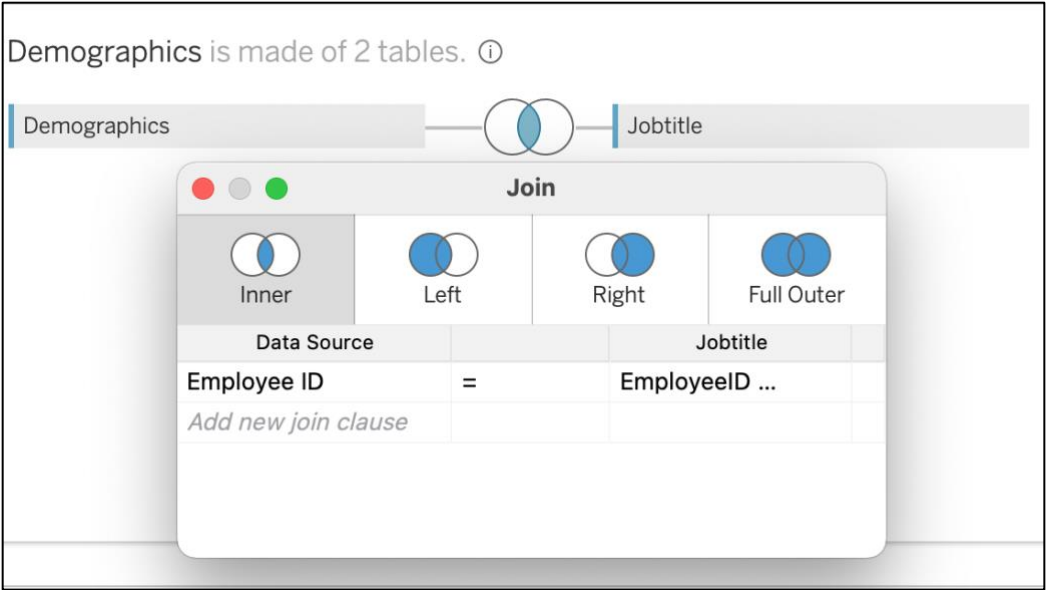


Joins in tableau.

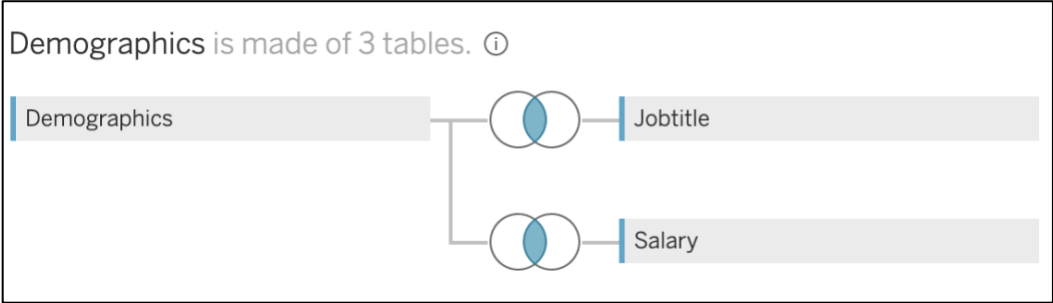
Open the joins first by doing so:



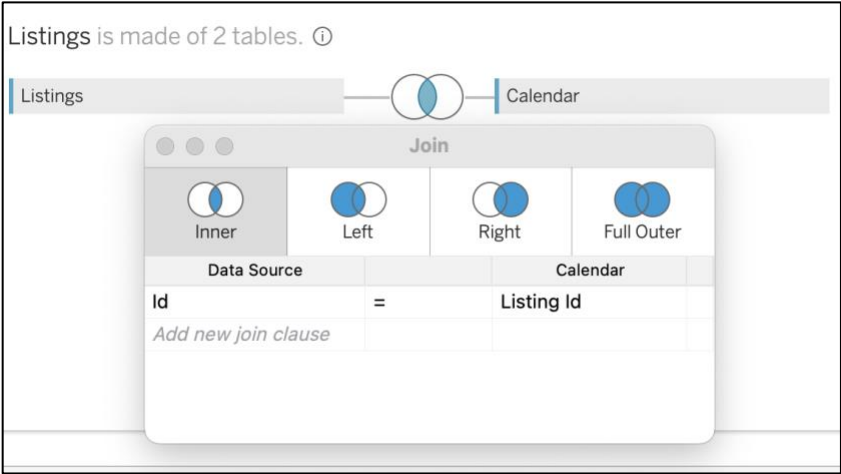
Drag and drop tables to create join.



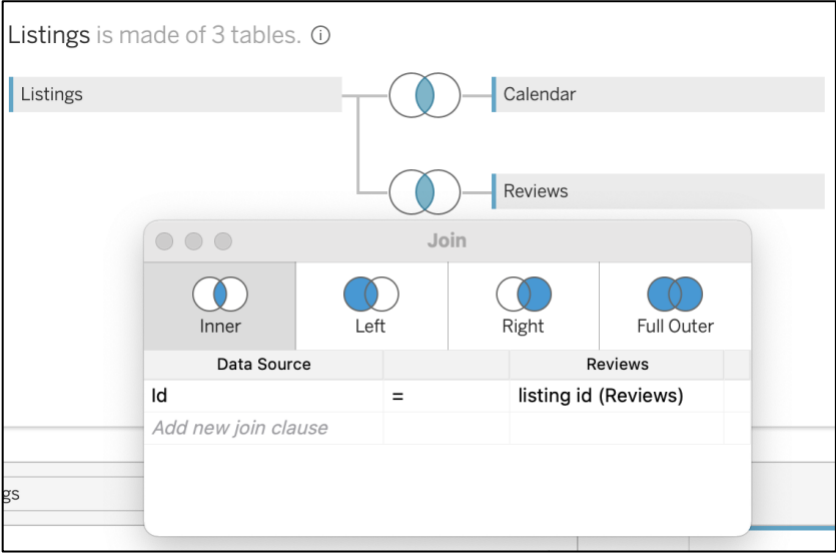
Add multiple joins.



1. Inner join by listing ID



2. Join review and Listings.

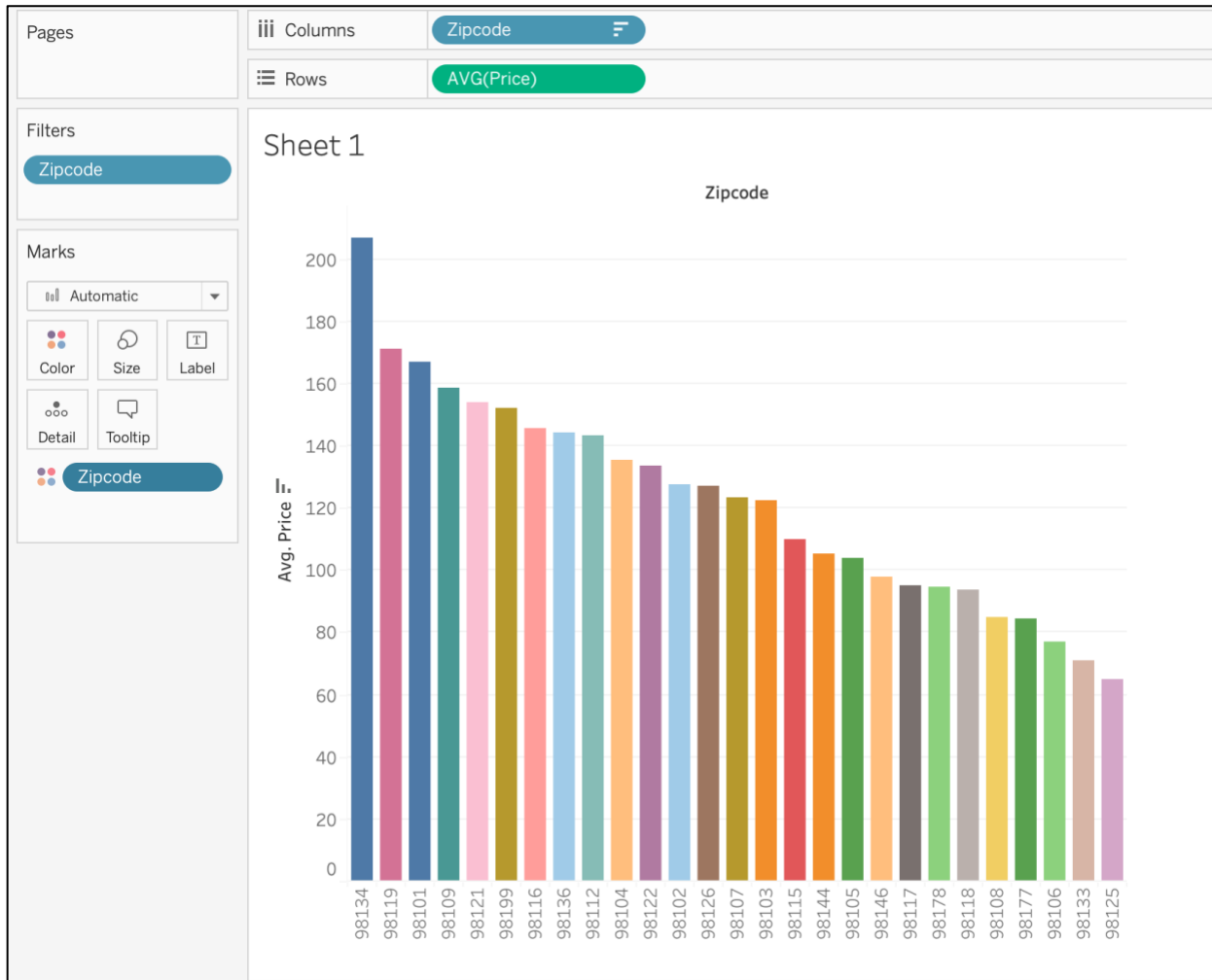


- 3. Adding data to sheets
- 4. Since the data is too large it cannot be added.
- 5. Remove reviews and add sheets.

Use cases:

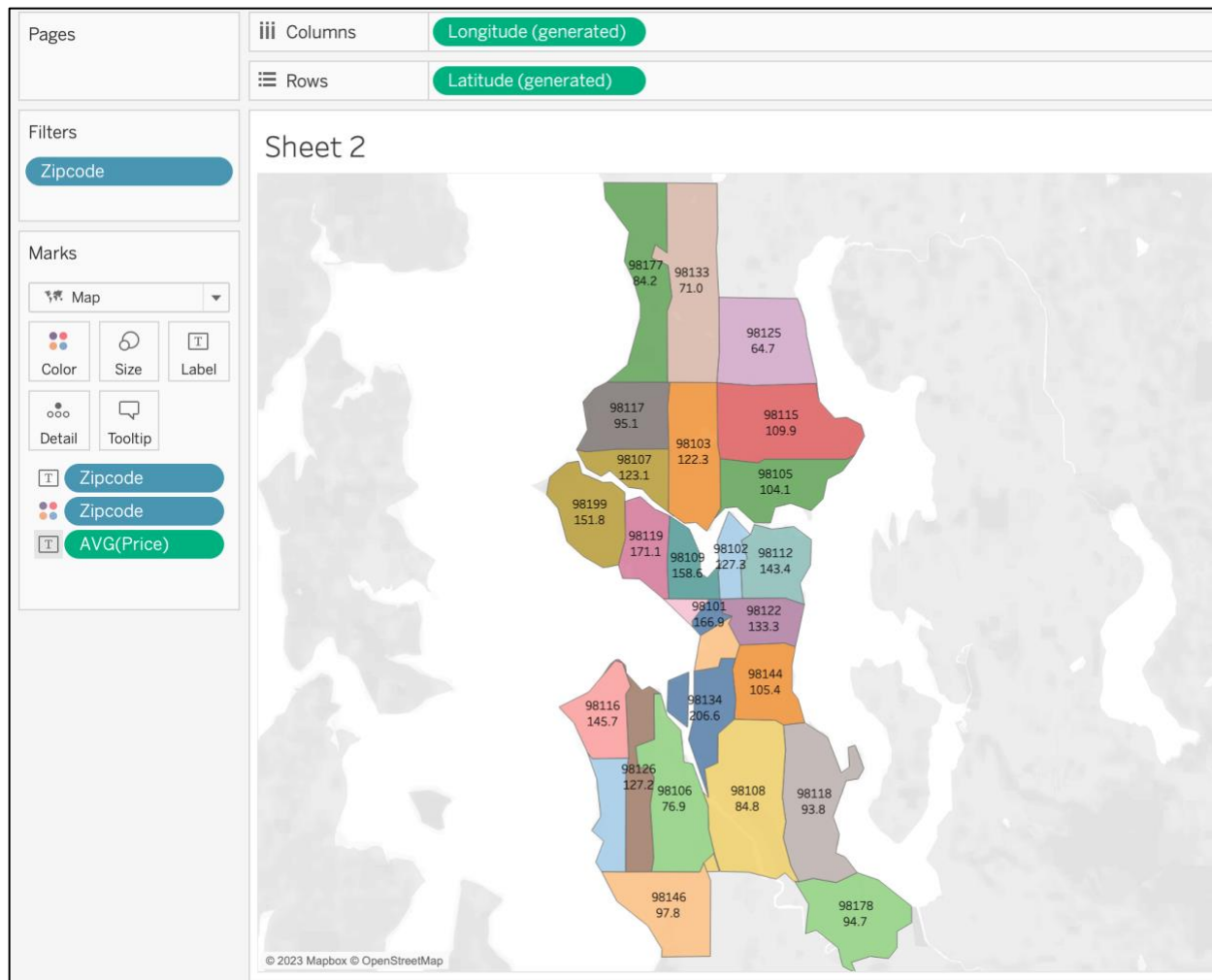
where should we buy a home and put up for Airbnb? Which is the best place for Airbnb?

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.

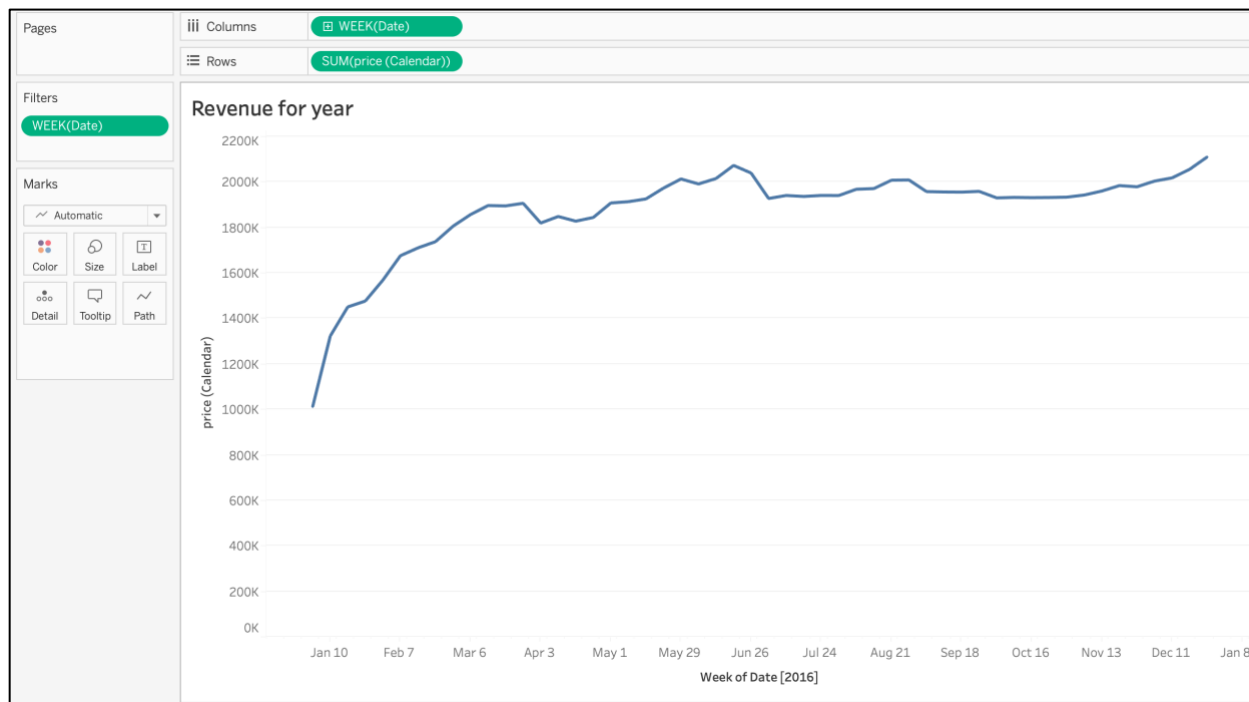
Map



- 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.

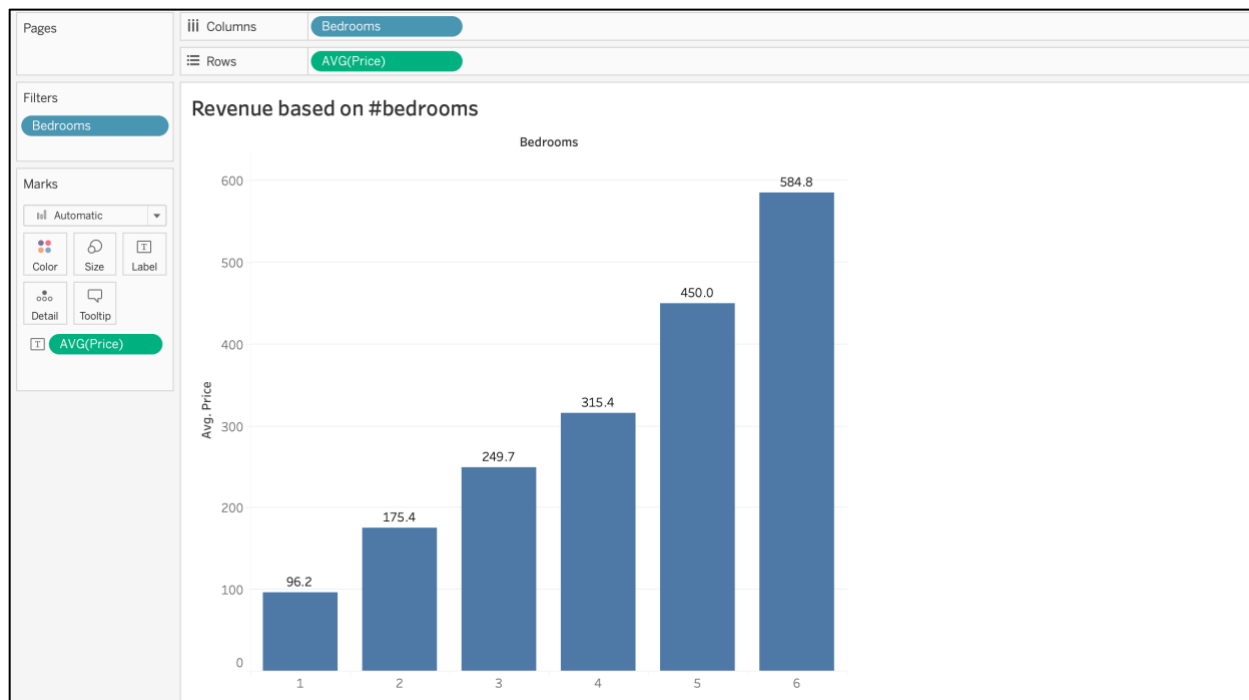
What is the best time to put the house on Airbnb.

Solution: use date



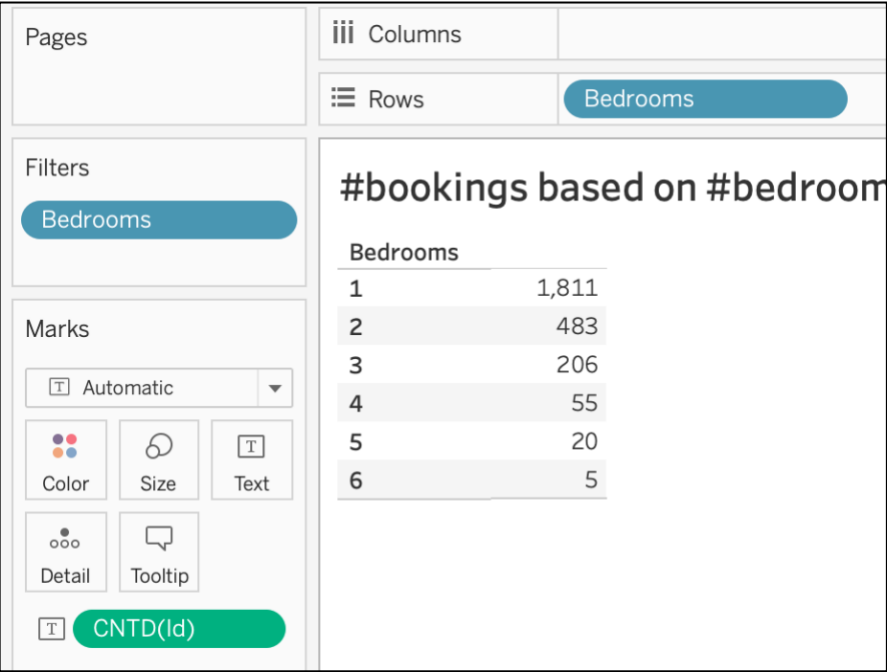
After adding the field change date-> click on the down arrow on date -> select year in first section -> select weekly in second section -> adjust the date in filter.

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



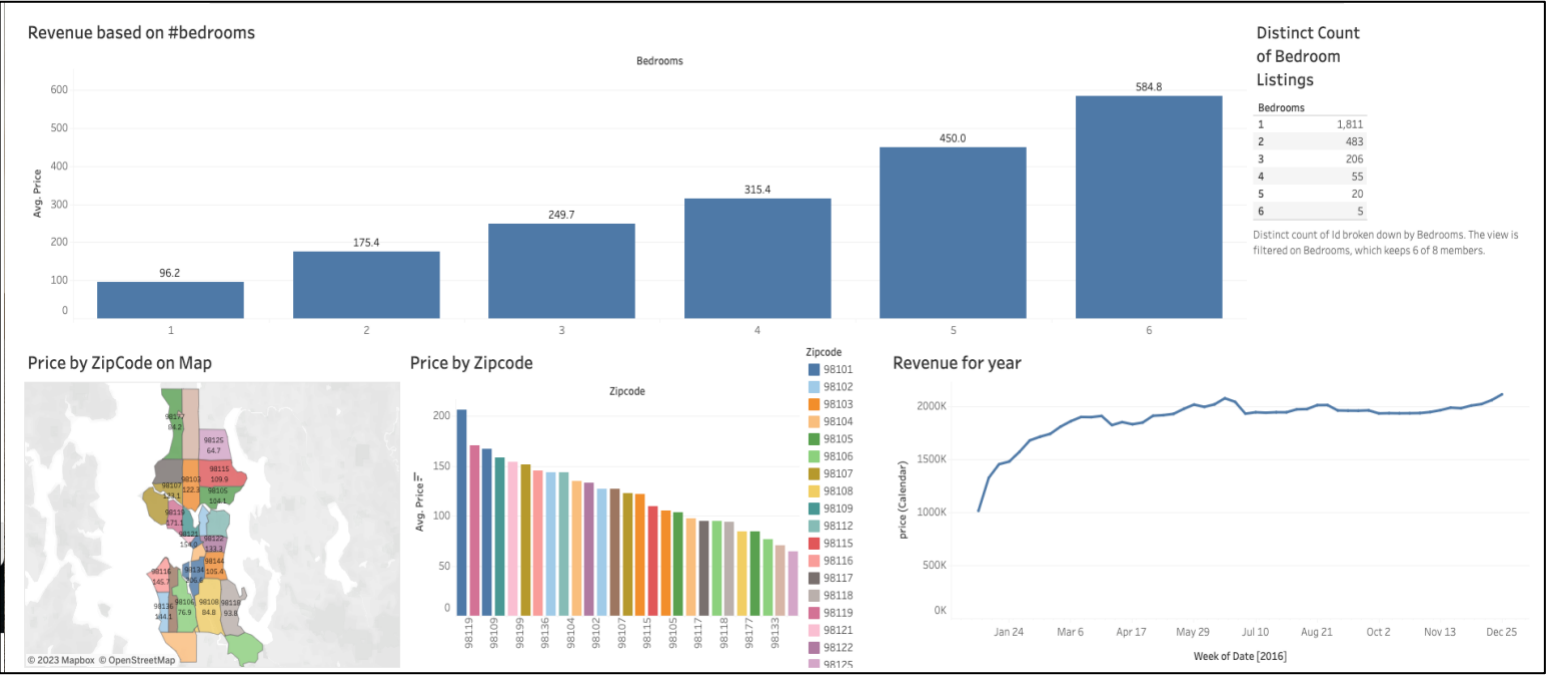
- Convert the bedrooms to dimension by right clicking on bedrooms.
- Add to bedrooms to columns after conversion and price to rows.

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.