

Airbnb Market Analysis Dashboard

Step By Step

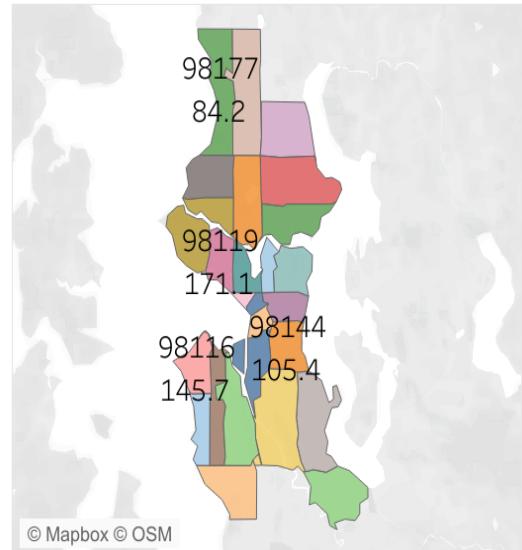
By Dr.Kabba Fatima Ezzahra

Email: fatima.ezzahra.kabba.pro@gmail.com

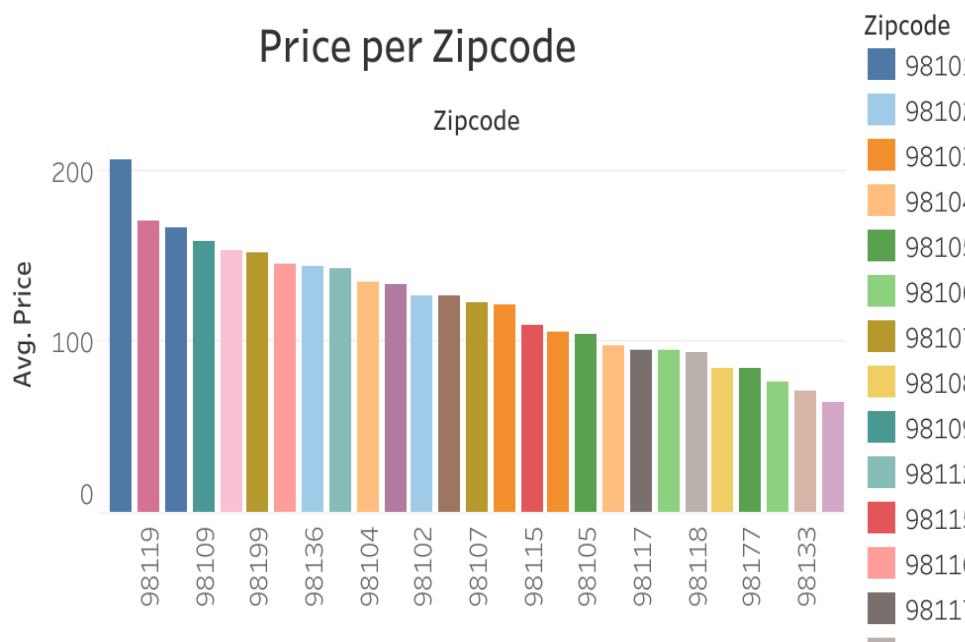
Avg Price Per Bedroom



Price Per Zipcoode



Price per Zipcode

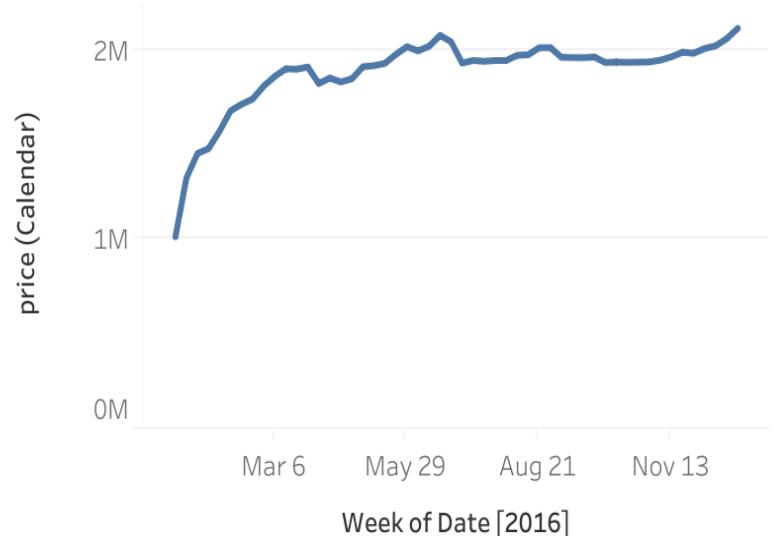


Distinct count of Bedroom Listings

Bedrooms	Count
1	1,811
2	483
3	206
4	55
5	20
6	5

Distinct count of Id broken down by Bedrooms. The view is filtered on Bedrooms, which excludes Null and 0.

Revenue for Year



Our Dataset

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Airbnb Listings 2016 D...

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ALEX THE ANALYST · UPDATED 3 YEARS AGO

▲ 248 New Notebook Download :

Airbnb Listings 2016 Dataset

Dataset of 2016 Airbnb public listings data

Data Card Code (3) Discussion (0) Suggestions (0)



About Dataset

No description available

Usability ⓘ 1.18

License Unknown

Expected update frequency Not specified

Tags

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Our Dataset

Tableau Full Project

Office Update To keep up-to-date with security updates, fixes, and improvements, choose Check for Updates.

Check for Updates

listing_url	scrape_id	last_scraped	name	summary	space	description	experiences_offered
241032 https://www.airbnb.com/rooms/24	2.01601E+13	1/4/16 Stylish Queen Anne Apartment	Make your self at home in this charm	Make your self at home in this charm	none	none	none
953595 https://www.airbnb.com/rooms/95	2.01601E+13	1/4/16 Bright & Airy Queen Anne Apartment	Chemically sensitive? We've remove	Beautiful, hypoallergenic apartment	Chemically sensitive? We've remove	none	none
3308979 https://www.airbnb.com/rooms/33	2.01601E+13	1/4/16 New Modern House-Amazing water view	New modern house built in 2013.	Sj Our house is modern, light and fresh	New modern house built in 2013.	Sj none	none
7421966 https://www.airbnb.com/rooms/74	2.01601E+13	1/4/16 Queen Anne Chateau	A charming apartment that sits atop Queen Anne Hill, northwest facing b	A charming apartment that sits atop Queen Anne Hill, northwest facing b	Cozy family craftman house in beaut	Cozy family craftman house in beaut	none
278830 https://www.airbnb.com/rooms/27	2.01601E+13	1/4/16 Charming craftsman 3 bdsm house	Cozy family craftman house in beaut	Cozy family craftman house in beaut	Cozy family craftman house in beaut	none	none
5956968 https://www.airbnb.com/rooms/55	2.01601E+13	1/4/16 Private unit in a 1920's mansion	We're renting out a small private uni	If you include a bit of your backgrou	We're renting out a small private uni	none	none
1909058 https://www.airbnb.com/rooms/15	2.01601E+13	1/4/16 Queen Anne Private Bed and Bath	Enjoy a quiet stay in our comfortable	Enjoy a quiet stay in our comfortabl	Enjoy a quiet stay in our comfortabl	none	none
856550 https://www.airbnb.com/rooms/85	2.01601E+13	1/4/16 Tiny Garden cabin on Queen Anne	Our tiny cabin is private, very quiet	This cabin was built with Airbnb in r	Our tiny cabin is private, very quiet	none	none
4948745 https://www.airbnb.com/rooms/45	2.01601E+13	1/4/16 Urban Charm Downtown	View: Nestled in the heart of the city, this s	Located in the heart of the city, this s	Nestled in the heart of the city, this s	none	none
2493658 https://www.airbnb.com/rooms/24	2.01601E+13	1/4/16 Airy + Bright Queen Anne Apartment	Beautiful apartment in an extremely	What's special about this place?	A b	Beautiful apartment in an extremely	none
175576 https://www.airbnb.com/rooms/17	2.01601E+13	1/4/16 Private Apartment - Queen Anne Hill	Queen Anne Hill is a charming neighl	B close to everything!	Queen Anne Hill is a charming neighl	none	none
4454295 https://www.airbnb.com/rooms/44	2.01601E+13	1/4/16 Upper Queen Anne Craftsman House	Beautifully furnished, cozy 1 bedroo	Beautifully furnished, cozy 1 bedroo	Beautifully furnished, cozy 1 bedroo	none	none
3883392 https://www.airbnb.com/rooms/38	2.01601E+13	1/4/16 Open Plan 2bd/1bath in Queen Ann	Spacious apt in popular Seattle neig	This apartment is in a quiet and frien	Spacious apt in popular Seattle neig	none	none
8889257 https://www.airbnb.com/rooms/88	2.01601E+13	1/4/16 Elegance in Historic Queen Anne	Enjoy our amazing, updated & mode	Originally built in 1906, our house	Enjoy our amazing, updated & mode	none	none
5680462 https://www.airbnb.com/rooms/56	2.01601E+13	1/4/16 Stunning 6 bd in THE BEST Location!	Stunning Designponge featured 6 b	Gorgeous, LIGHT FILLED, Newly Con	Stunning Designponge featured 6 b	none	none
8988178 https://www.airbnb.com/rooms/85	2.01601E+13	1/4/16 Lovely Queen Anne Cottage, 2 BR	This home is full of light, art and con	The Space This is a 1000 square foot,	This home is full of light, art and con	none	none
3245876 https://www.airbnb.com/rooms/32	2.01601E+13	1/4/16 Park Life in Lower Queen Anne	Master bedroom suite with 1/4 bath	**PLEASE MAKE SURE TO READ ALL IF Master bedroom	**PLEASE MAKE SURE TO READ ALL IF Master bedroom	none	none
4933447 https://www.airbnb.com/rooms/45	2.01601E+13	1/4/16 Private Garden Suite, Bay View	Beautiful private entrance garden su	French Country style home built in 1	Beautiful private entrance garden su	none	none
7735464 https://www.airbnb.com/rooms/77	2.01601E+13	1/4/16 Queen Anne Getaway Near Seattle!	The second room in our spacious 2BR	/2 Bath apartment functions as bot	The second room in our spacious 2B	none	none
6291829 https://www.airbnb.com/rooms/62	2.01601E+13	1/4/16 Grand Craftsman Home on Queen Ar	This home built in 1909. It has 5 b	This home encompasses the charact	This home built in 1909. It has 5 b	none	none
9218403 https://www.airbnb.com/rooms/92	2.01601E+13	1/4/16 Queen Anne View One Bedroom	This clean and comfortable one bedr	Kitchen has hot water tap and sodas	This clean and comfortable one bedr	none	none
4125779 https://www.airbnb.com/rooms/41	2.01601E+13	1/4/16 Cozy Queen Anne Finished Basement	Relax in your own private finished b	Updated daylight basement space w	Relax in your own private finished b	none	none
8942678 https://www.airbnb.com/rooms/85	2.01601E+13	1/4/16 Lovely Queen Anne home	Welcome to Seattle! Enjoy your stay	Centrally located spacious homes in t	Welcome to Seattle! Enjoy your stay	none	none
10106055 https://www.airbnb.com/rooms/1C	2.01601E+13	1/4/16 Cozy Lower Level, Upper Queen Ann	Greetings! Our home is a beautiful,	The space we are renting is the entir	Greetings! Our home is a beautiful,	none	none
6362362 https://www.airbnb.com/rooms/63	2.01601E+13	1/4/16 Charming home on Queen Anne	Enjoy Seattle from the ideally locate	Step into the main living space	Enjoy Seattle from the ideally locate	none	none
3544550 https://www.airbnb.com/rooms/35	2.01601E+13	1/4/16 VIEW-Monthly Rental Available	Our home is very light and full of cha	Our home is a brick tudor/cottage bi	Our home is very light and full of cha	none	none
9025039 https://www.airbnb.com/rooms/90	2.01601E+13	1/4/16 Cute Bungalow-Close to Everything!	Our cozy little bungalow is the perfe	One bedroom has a queen sized bed,	Our cozy little bungalow is the perfe	none	none
3200646 https://www.airbnb.com/rooms/32	2.01601E+13	1/4/16 Micro Gypsy Wagon on Queen Anne	Micro camper with queen size bed a	The Spruce Kaboose is a hand built o	Micro camper with queen size bed a	none	none
8859380 https://www.airbnb.com/rooms/88	2.01601E+13	1/4/16 STUNNING VIEW of Puget Sound	This three bedroom flat is your gorge	You won't want to leave your home :	This three bedroom flat is your gorge	none	none
4520099 https://www.airbnb.com/rooms/45	2.01601E+13	1/4/16 Open Airy Queen Anne Condo	Designer home situated on Queen Ar	During the summer, there was const	Designer home situated on Queen Ar	none	none
2481869 https://www.airbnb.com/rooms/24	2.01601E+13	1/4/16 Airy + Bright Queen Anne Cottage	Enjoy your own 1 BR cottage atop Q	Beautiful carriage house in an extre	Enjoy your own 1 BR cottage atop Q	none	none
1110749 https://www.airbnb.com/rooms/11	2.01601E+13	1/4/16 Queen Anne 3 bed near everything	Charming, clean, picturesque home	Charming, clean, picturesqu	Charming, clean, picturesqu	none	none
5978498 https://www.airbnb.com/rooms/55	2.01601E+13	1/4/16 1914 Stunner View Ocean Mountain	My home is 3 stories professionally	c 2 stories private home, open concep	My home is 3 stories professionally	none	none
5021081 https://www.airbnb.com/rooms/5C	2.01601E+13	1/4/16 Seattle Queen Anne Beauty	Beautiful Water View, Minutes to Pi	ONLY vacation rental available in a d	Beautiful Water View, Minutes to Pi	none	none
1686930 https://www.airbnb.com/rooms/16	2.01601E+13	1/4/16 The Hideaway- Queen Anne/downtown	Welcome to the Queen Anne Hideaw	Welcome to the Queen Anne Hideaw	Welcome to the Queen Anne Hideaw	none	none
7680289 https://www.airbnb.com/rooms/76	2.01601E+13	1/4/16 QUEEN ANNE VIEW ONE! - SEATTLE	Vintage 1927 4plex in perfect Queen	Well cared-for building with many c	Vintage 1927 4plex in perfect Queen	none	none

Downloading the dataset

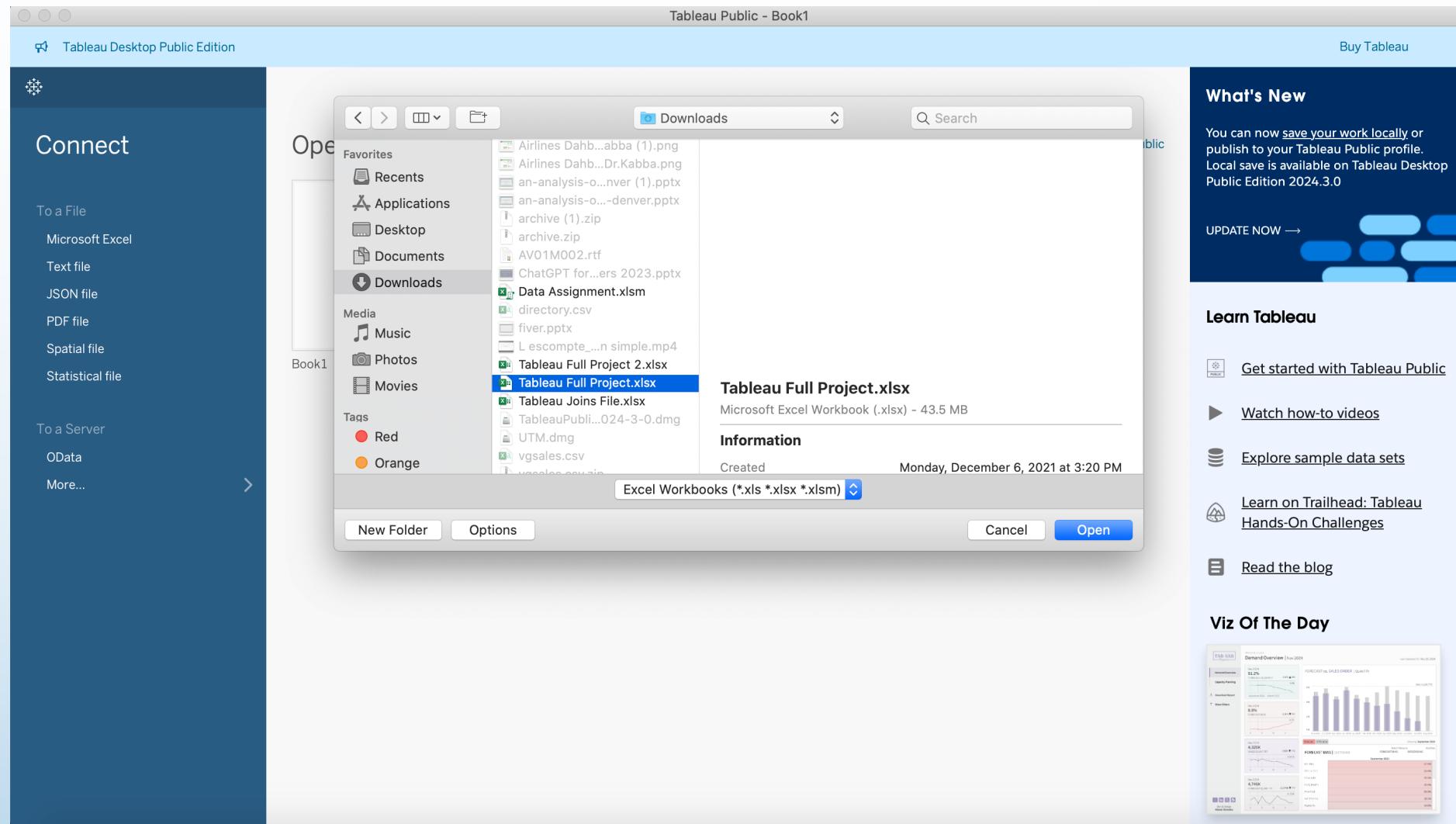


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Sheets

Use Data Interpreter
Data Interpreter might be able to clean your Microsoft Excel workbook.

Calendar Listings Reviews

New Union

New Table Extension

Listings (Tableau Full Project)

Filters 0 | Add

Listings

- Open...
- Rename
- Remove
- ✓ Field names are in first row
Generate field names automatically
- Convert to Union...

Listings 92 fields 3818 rows 100 rows

Name Listings

Fields

Type	Field Name	Physical Ta...	Rem...
#	Id	Listings	id
Abc	Listing Url	Listings	listing...

#	Abc	#	Abc	
Listings	Listings	Listings	Listings	
Id	Listing Url	Scrape Id	Last Scrapped	
Name				
953595	https://www.airbnb.com/roo...	20160104002432	1/4/2016	Bright & Airy Queen Anne Apar...
3308979	https://www.airbnb.com/roo...	20160104002432	1/4/2016	New Modern House-Amazing ...
7421966	https://www.airbnb.com/roo...	20160104002432	1/4/2016	Queen Anne Chateau
278830	https://www.airbnb.com/roo...	20160104002432	1/4/2016	Charming craftsman 3 bdm h...
5956968	https://www.airbnb.com/roo...	20160104002432	1/4/2016	Private unit in a 1920s mansion
1909058	https://www.airbnb.com/roo...	20160104002432	1/4/2016	Queen Anne Private Bed and ...

Go to Worksheet

Data Source Sheet 1

When you click on open it, you prepare the first table for the join operation

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Calendar Listings Reviews

New Union

New Table Extension

Listings (Tableau Full Project)

Listings is made of 1 table. [①](#)

Listings

92 fields 3818 rows

100 → rows

Name: Listings

Fields

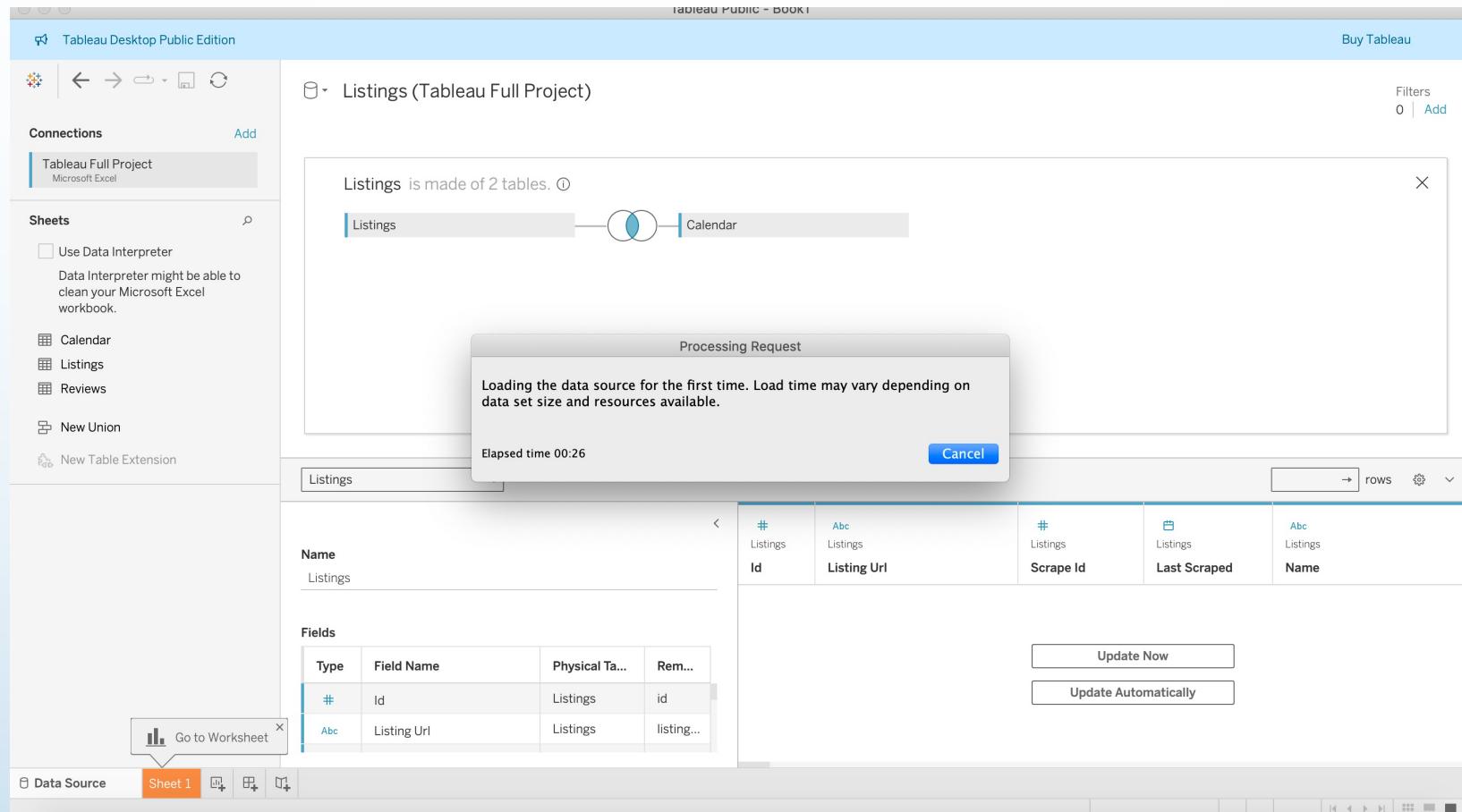
Type	Field Name	Physical Ta...	Rem...
#	Id	Listings	id
Abc	Listing Url	Listings	listing...

Go to Worksheet

Data Source Sheet 1   

#	Abc	#	Abc	#
Id	Listings	Listing Url	Scrape Id	Last Scrapped
953595	https://www.airbnb.com/roo...	20160104002432	1/4/2016	Bright & Airy Queen Anne Apa...
3308979	https://www.airbnb.com/roo...	20160104002432	1/4/2016	New Modern House-Amazing ...
7421966	https://www.airbnb.com/roo...	20160104002432	1/4/2016	Queen Anne Chateau
278830	https://www.airbnb.com/roo...	20160104002432	1/4/2016	Charming craftsman 3 bdm h...
5956968	https://www.airbnb.com/roo...	20160104002432	1/4/2016	Private unit in a 1920s mansion
1909058	https://www.airbnb.com/roo...	20160104002432	1/4/2016	Queen Anne Private Bed and ...

waiting for the data to load



The data is joined Now

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Calendar Listings Reviews
New Union New Table Extension

Buy Tableau

Filters 0 | Add

Listings+ (Tableau Full Project)

Listings is made of 2 tables. ①

Join

Listings Calendar

Data Source Join
Id = Listing Id
Add new join clause

X

Listings

Name Listings

Fields

Type	Field Name	Physical Ta...	Rem...
#	Id	Listings	id
Abc	Listing Url	Listings	listing...

Update Now
Update Automatically

Data Source Sheet 1

Adding reviews to the joined data

Tableau Desktop Public Edition

Connections Add

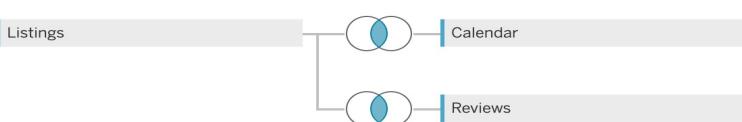
Tableau Full Project Microsoft Excel

Sheets Use Data Interpreter
Data Interpreter might be able to clean your Microsoft Excel workbook.

Calendar Listings Reviews

New Union New Table Extension

Listings+ (Tableau Full Project)

Listings is made of 3 tables. 

Listings 102 fields 2555 rows

Name Listings

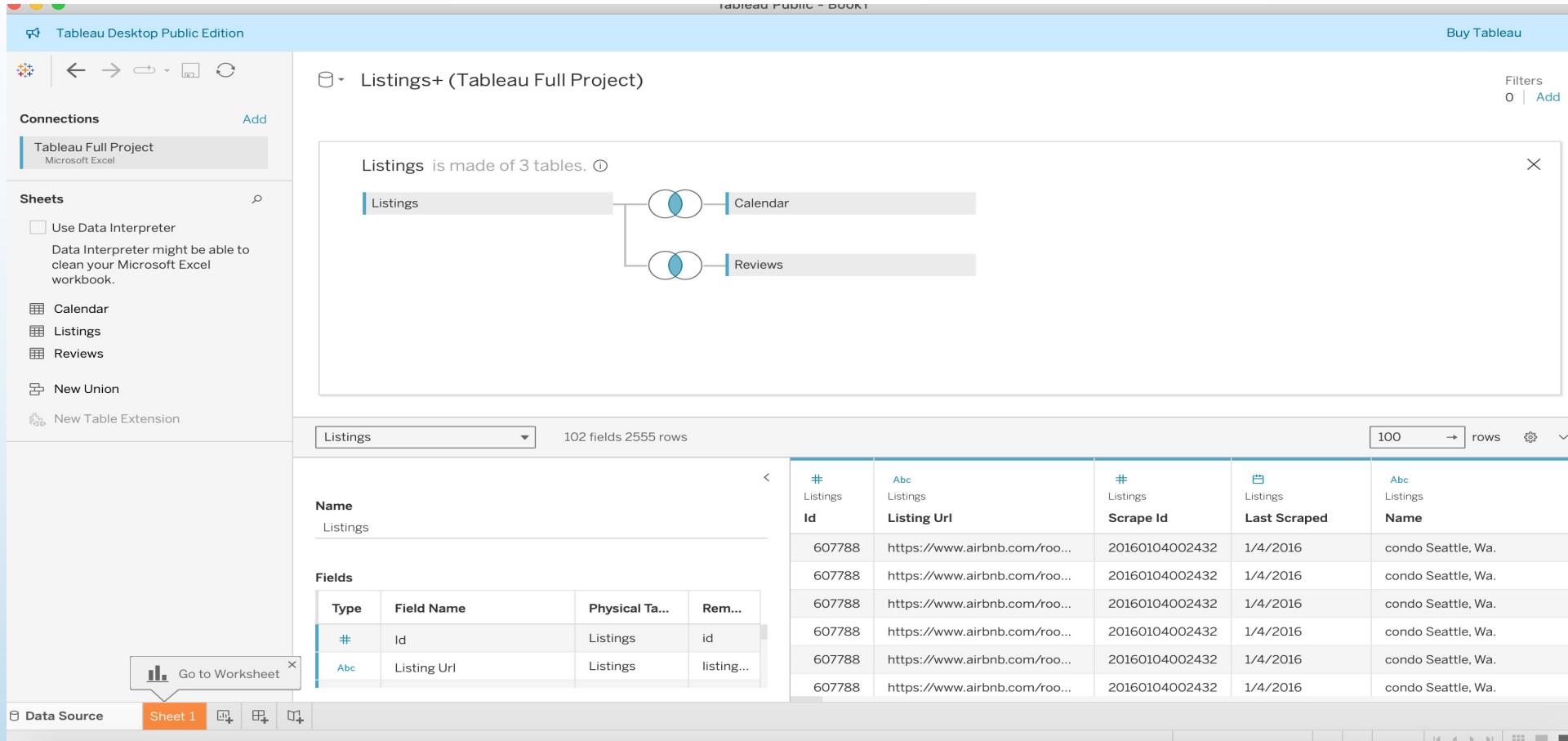
Fields

Type	Field Name	Physical Ta...	Rem...
#	Id	Listings	id
Abc	Listing Url	Listings	listing...

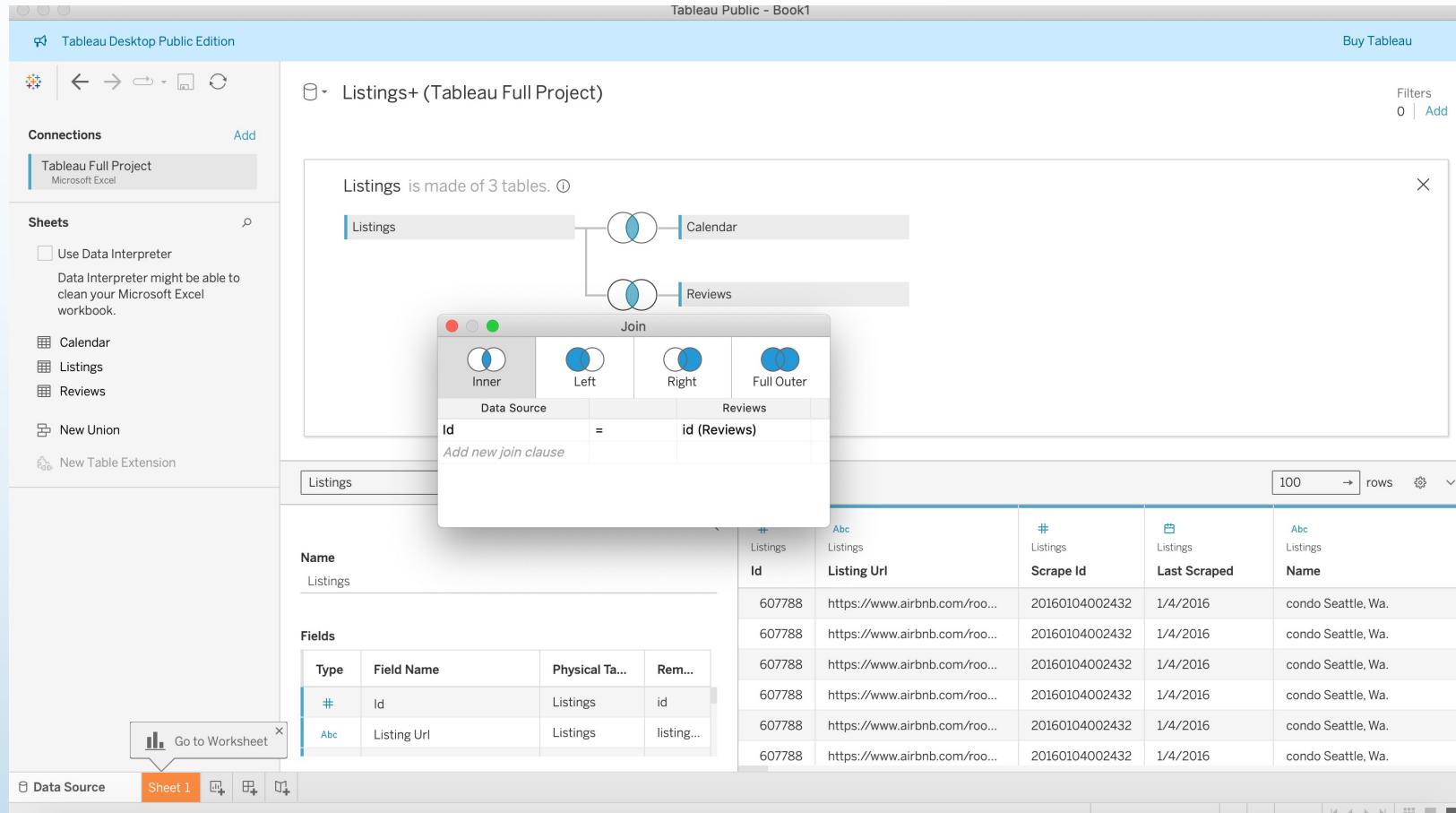
100 → rows

#	Abc	#	Abc
Id	Listings	Scrape Id	Listings
	Listing Url	Last Scrapped	Name
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016 condo Seattle, Wa.
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016 condo Seattle, Wa.
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016 condo Seattle, Wa.
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016 condo Seattle, Wa.
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016 condo Seattle, Wa.
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016 condo Seattle, Wa.

Data Source Sheet 1



Check what Tableau provides for the joined key. It's automatic, but it's not always correct



The correct join is here

Tableau Desktop Public Edition

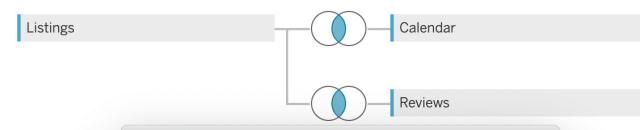
Connections Add
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Sheets
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Calendar Listings Reviews

New Union New Table Extension

Listings+ (Tableau Full Project)

Buy Tableau Filters 0 | Add

Listings is made of 3 tables. 
Join
Inner Left Right Full Outer
Data Source: Listings
Reviews
Id = id (Reviews)
Add new join clause

Name: Listings

Fields

Type	Field Name	Physical Ta...	Rem...
#	Id	Listings	id
Abc	Listing Url	Listings	listing...

100 rows

+	Abc	+	Abc	Abc
Listings	Listings	Scrape Id	Last Scrapped	Name
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016	condo Seattle, Wa.
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016	condo Seattle, Wa.
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016	condo Seattle, Wa.
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016	condo Seattle, Wa.
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016	condo Seattle, Wa.
607788	https://www.airbnb.com/roo...	20160104002432	1/4/2016	condo Seattle, Wa.

Go to Worksheet

Data Source Sheet 1

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Tableau Desktop Public Edition

Connections Add
Tableau Full Project 3 Microsoft Excel

Sheets
Use Data Interpreter
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Calendar Listings Reviews
New Union New Table Extension

Listings+ (Tableau Full Project 3)

Buy Tableau

Listings is made of 3 tables. ⚭

Join

Listings Calendar

Inner Left Right Full Outer

Data Source Reviews

Id = listing id ...
Add new join clause

X

Filters 0 | Add

Listings 102 fields 2373310 rows 100 → rows

Name Listings Listings Listings Listings

Fields

Type	Field Name	Physical Ta...	Rem...
#	Id	Listings	id
Abc	Listing Url	Listings	listing...

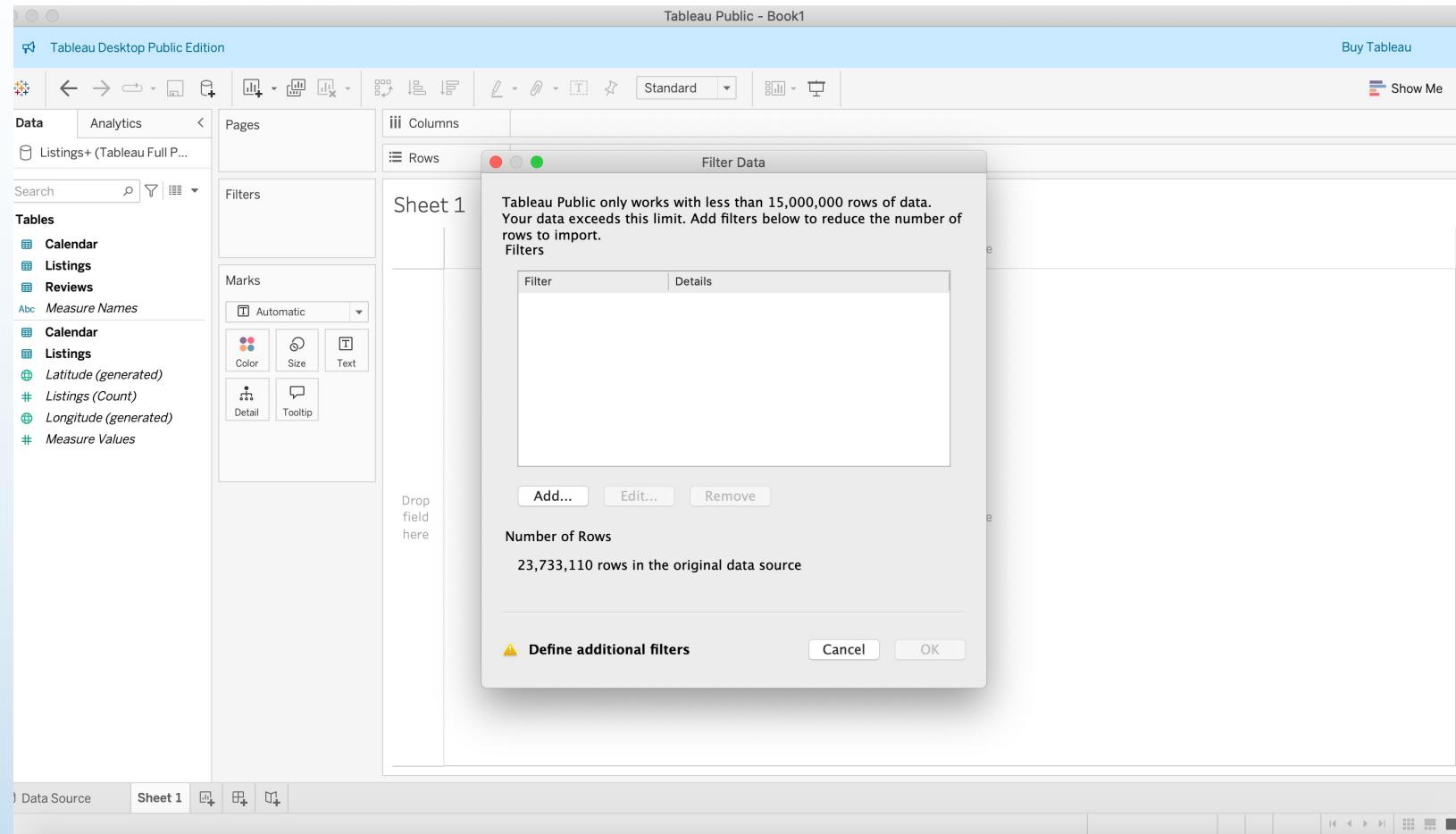
Go to Worksheet

Data Source Sheet 1 + + +

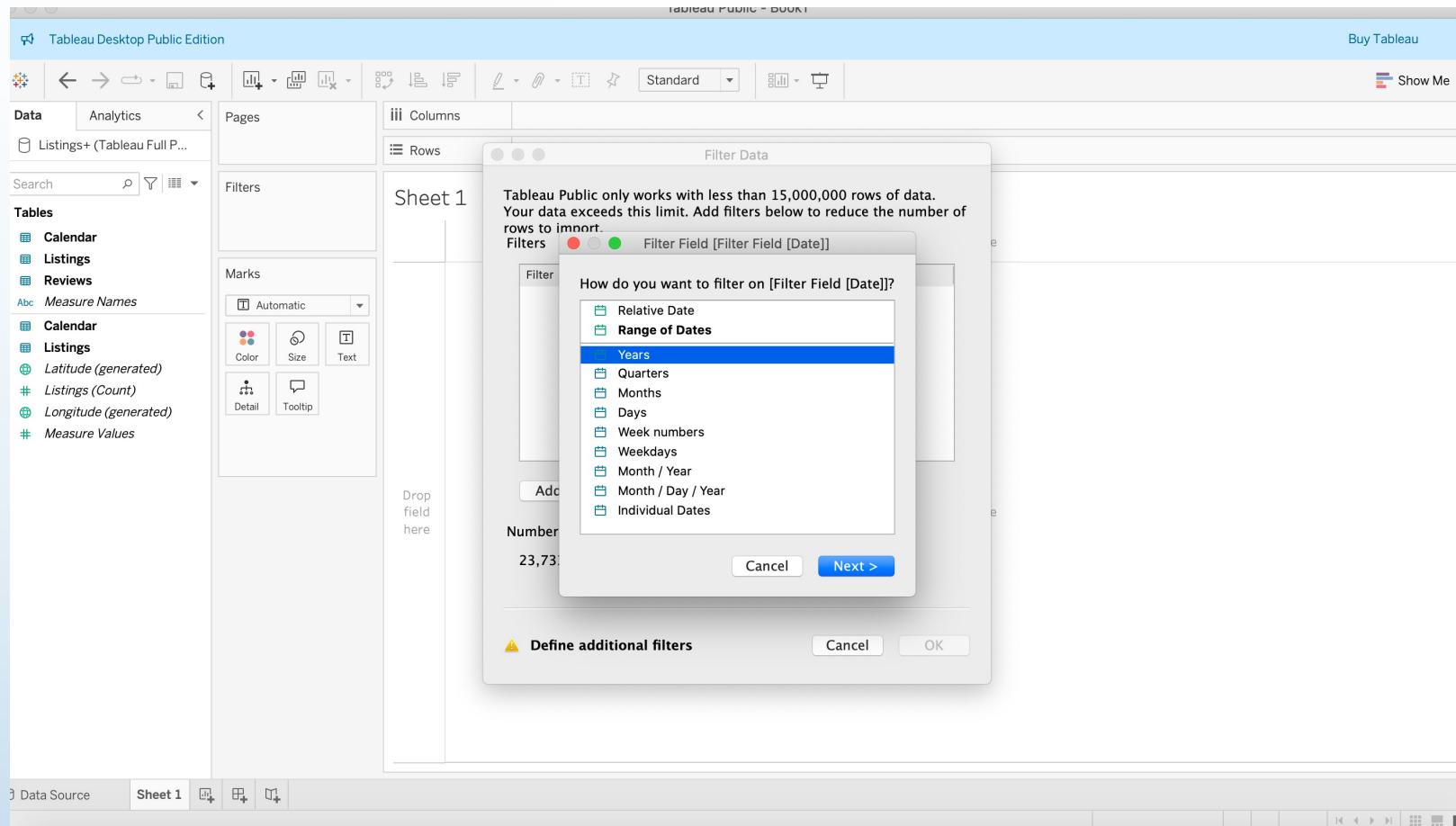
Tableau Public

The screenshot shows the Tableau Desktop interface with a project titled 'Listings+' (Tableau Full Project 3). A modal dialog is open, showing a join operation between the 'Listings' and 'Calendar' tables. The join type is set to 'Left'. The 'Data Source' dropdown is set to 'Reviews', and the join condition is 'Id = listing id ...'. Below the dialog, a preview of the 'Listings' table is displayed, showing 102 fields and 2373310 rows. The table has columns for Name, Fields, and a preview of the data. The 'Fields' section shows the mapping of physical table names to field names, such as 'Id' from 'Listings' to 'id' and 'Listing Url' from 'Listings' to 'listing...'. At the bottom, there are tabs for 'Data Source' and 'Sheet 1', along with various navigation and filter controls.

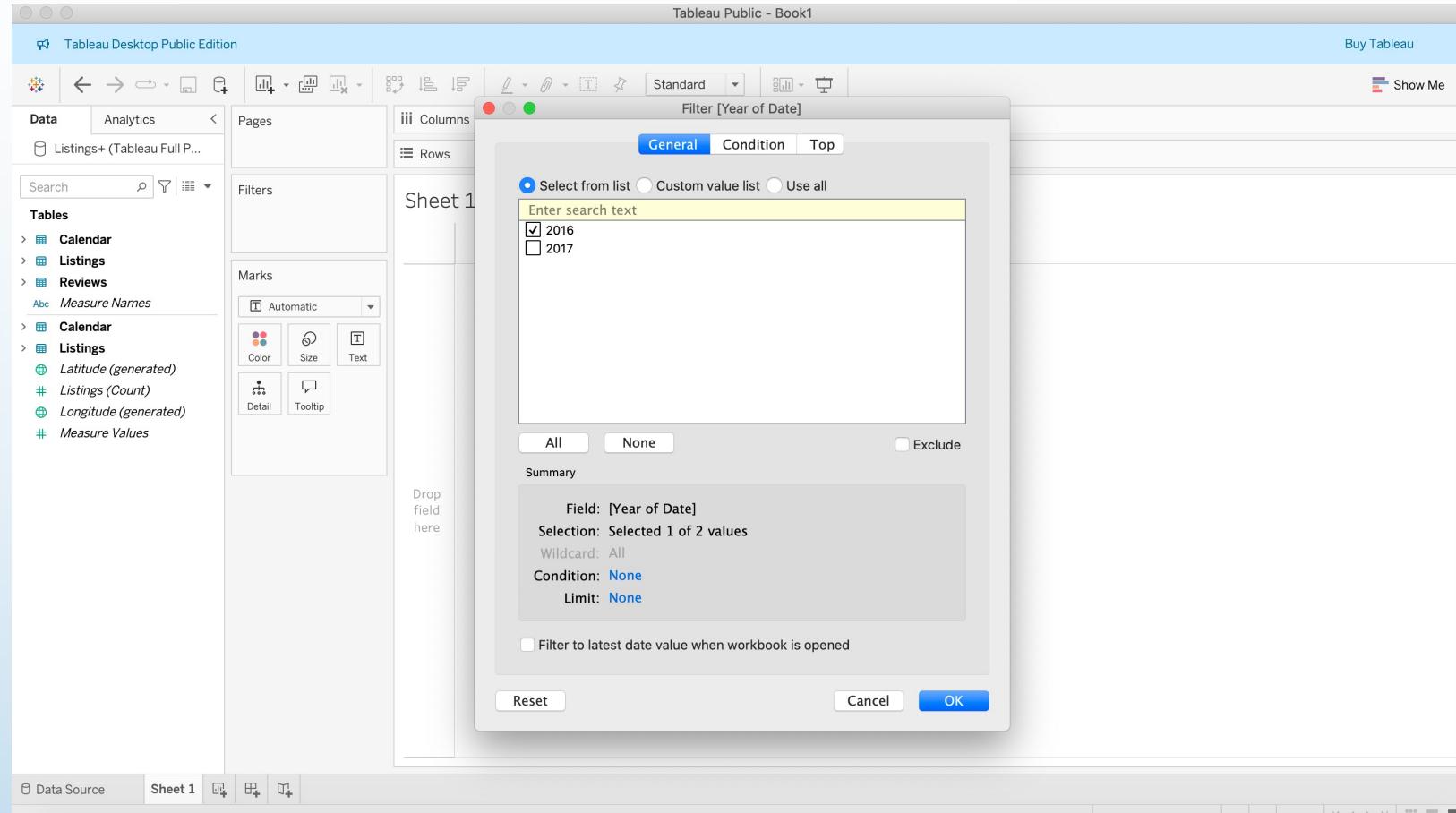
The data exceeds Tableau Public's capacities. Reduce the data



Data reduction by choosing less data



Keeping only one year to manipulate the data to fit into tableau public capacity



Keeping only one year to manipulate the data to fit into tableau public capacity

Tableau Public - Book1

Tableau Desktop Public Edition

Buy Tableau

Connections Add

Tableau Full Project 3 Microsoft Excel

Sheets

Use Data Interpreter
Data Interpreter might be able to clean your Microsoft Excel workbook.

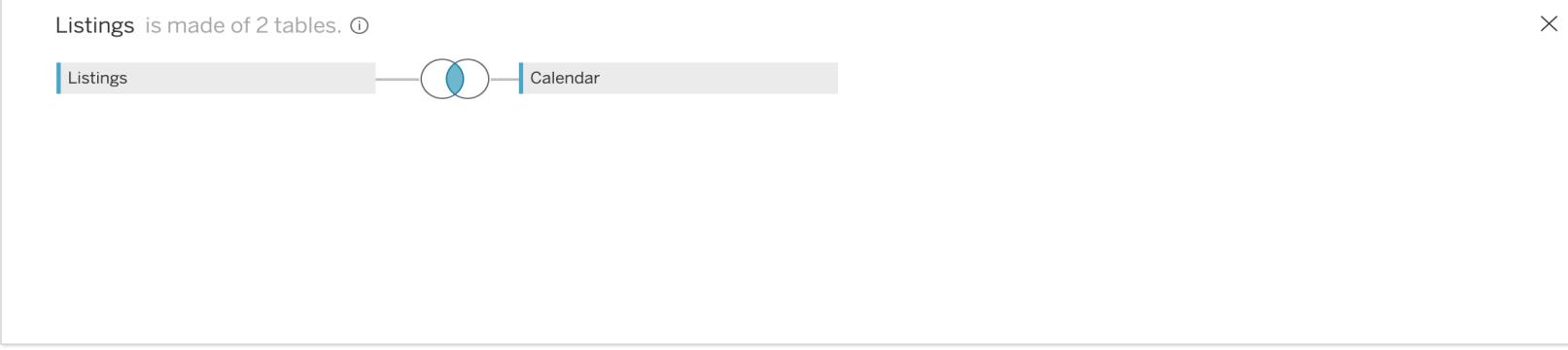
Calendar Listings Reviews

New Union

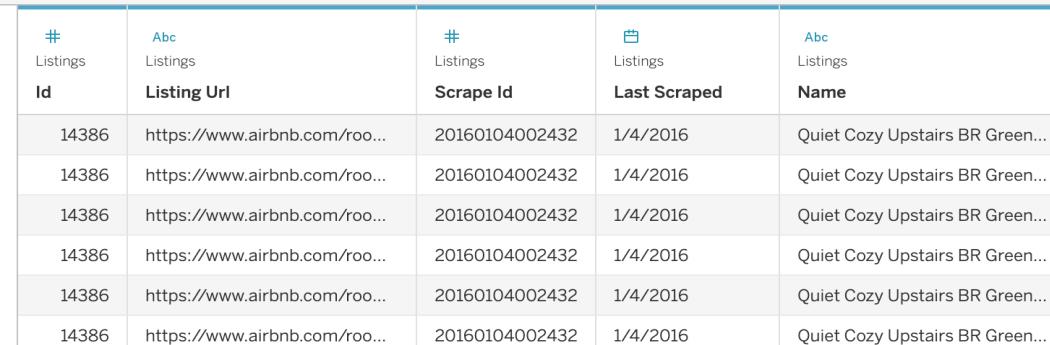
New Table Extension

Listings+ (Tableau Full Project 3)

Filters 0 | Add

Listings is made of 2 tables. 

Listings 96 fields 1048575 rows

100 rows 

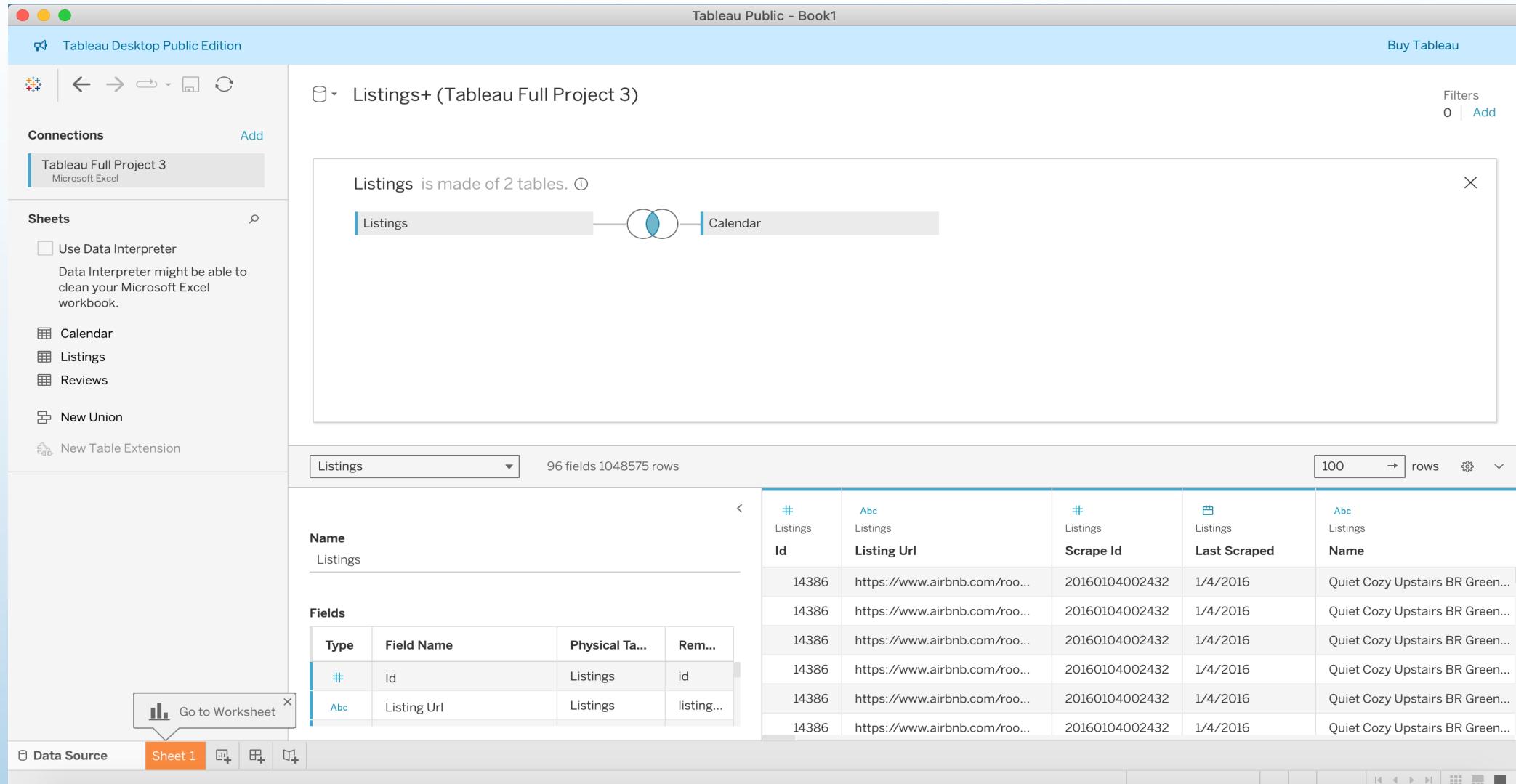
Name Listings

Fields

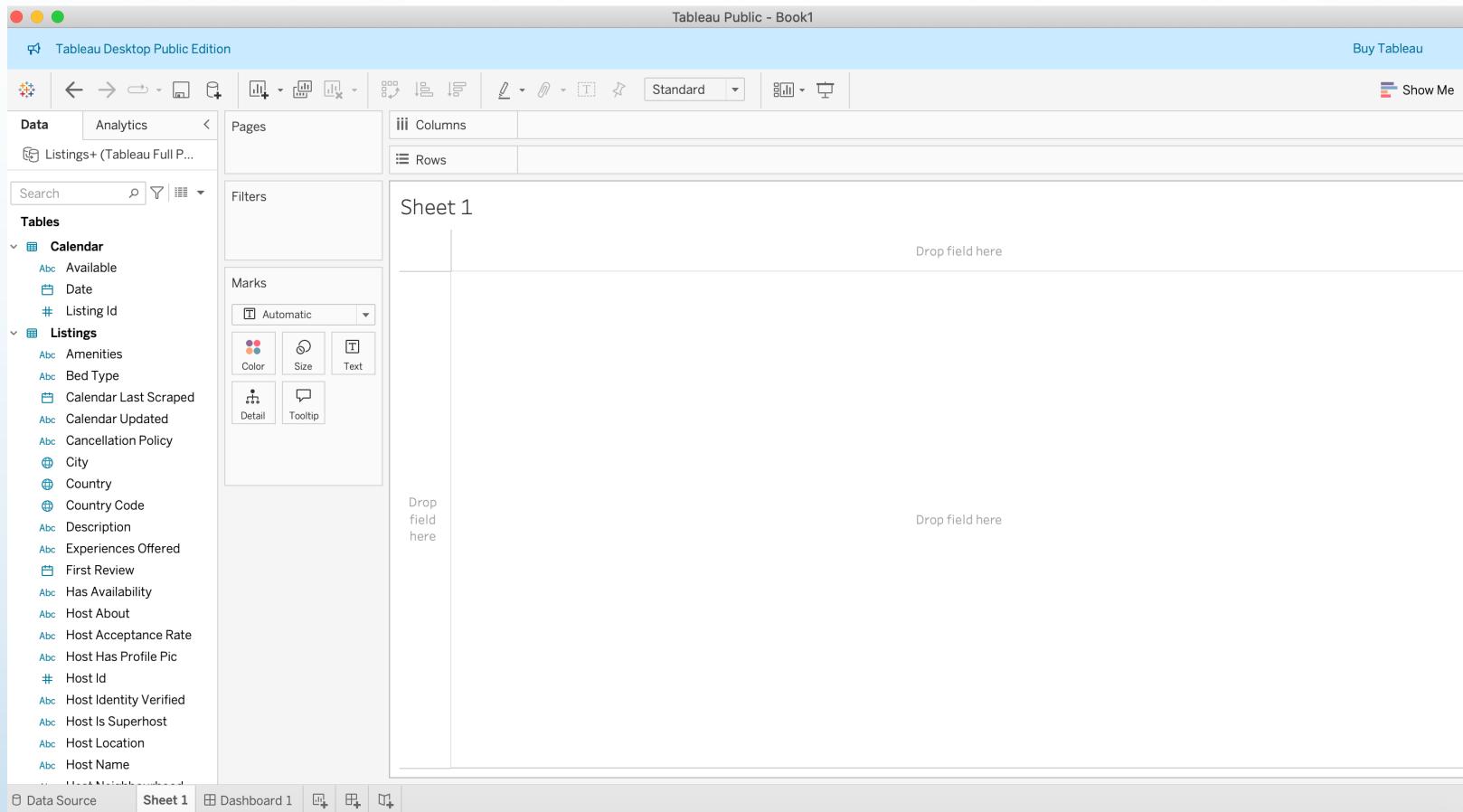
Type	Field Name	Physical Ta...	Rem...
#	Id	Listings	id
Abc	Listing Url	Listings	listing...

Go to Worksheet

Data Source Sheet 1



My data is loaded



Drag the ZIP Code into columns

Tableau Public - Book1

Tableau Desktop Public Edition

Buy Tableau

Show Me

Data Analytics < Pages

Listings+ (Tableau Full P...)

Search

Tables

- Abc Notes
- Abc Picture Url
- Abc Property Type
- Abc Require Guest Phone V...
- Abc Require Guest Profile P...
- Abc Requires License
- # Reviews Per Month
- Abc Room Type
- # Scrape Id
- Abc Smart Location
- Abc Space
- State
- Abc Street
- Abc Summary
- Abc Thumbnail Url
- Abc Transit
- Abc Xl Picture Url
- Zipcode
- Abc Measure Names

Calendar

Listings

- Latitude (generated)
- # Listings (Count)
- Longitude (generated)
- # Measure Values

Columns Zipcode

Rows

Sheet 1

Zipcode

Null	98101	98102	98103	98104	98105	98106	98107	98108	98109	98112	98115	98116	98117	98118	98119	98121	98
Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	

Data Source Sheet 1 Dashboard 1 Tableau Public 28 marks 1 row by 28 columns

My data is loaded

Tableau Desktop Public Edition

Tableau Public - Book1

Buy Tableau

Data Analytics < Pages Columns Zipcode

Listings+ (Tableau Full P... Rows

Search

Tables

- Abc License
- Abc Listing Url
- Abc Market
- Abc Medium Url
- Abc Name
- Abc Neighborhood Overview
- Abc Neighbourhood
- Abc Neighbourhood Cleans...
- Abc Neighbourhood Group ...
- Abc Notes
- Abc Picture Url
- Abc Property Type
- Abc Require Guest Phone V...
- Abc Require Guest Profile P...
- Abc Requires License
- # Reviews Per Month
- Abc Room Type
- # Scrape Id
- Abc Smart Location
- Abc Space
- (State
- Abc Street
- Abc Summary
- Abc Thumbnail Url
- Abc Transit

Marks

Zipcode

Sheet 1

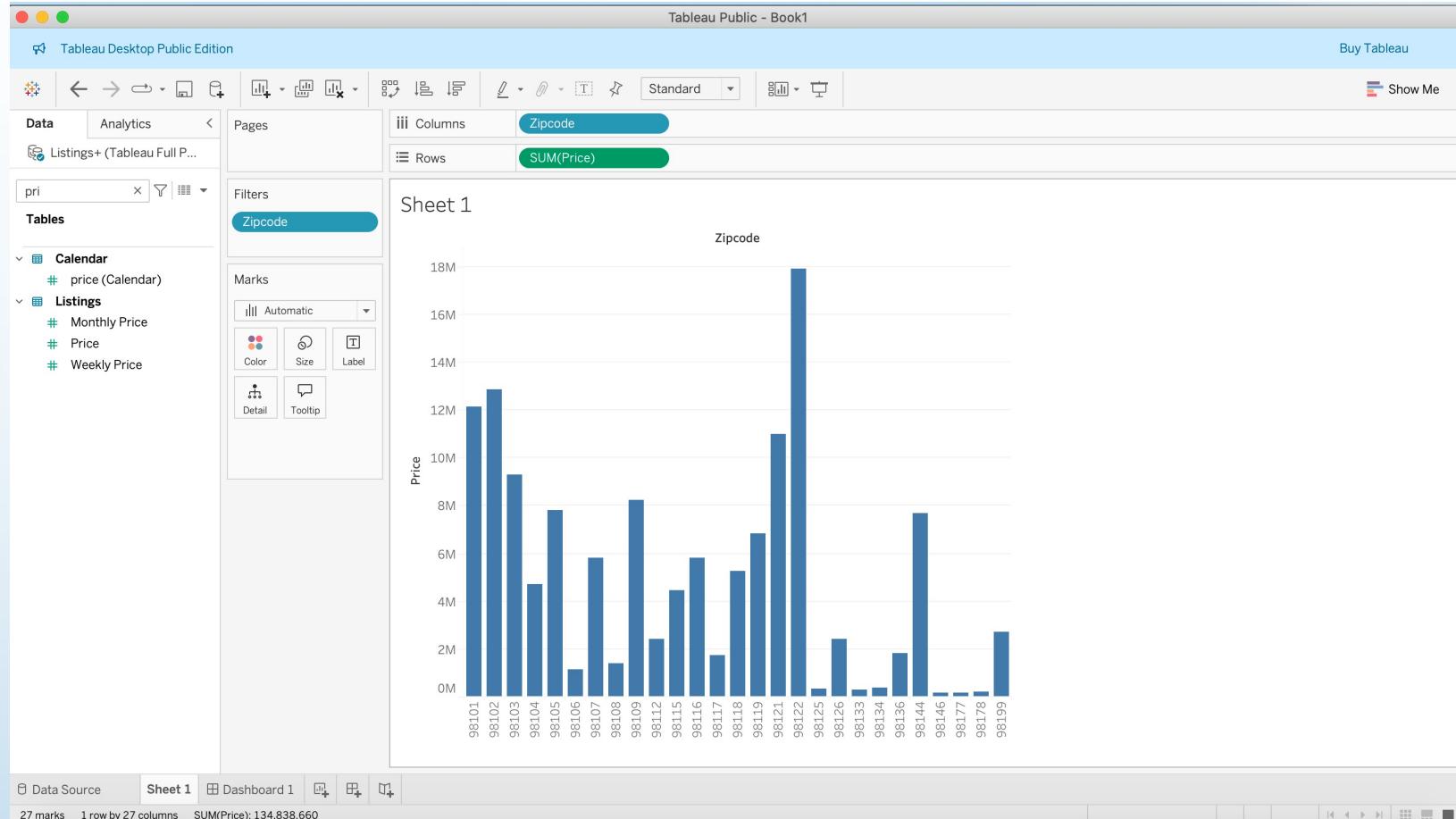
Null 08101 08102 98103 98104 98105 98106 98107 98108 98109 98112 98115 98116 98117 98118 98119 98121 98

Abc Keep only Exclude Hide Format... Rotate Label ✓ Show Header Edit Alias...

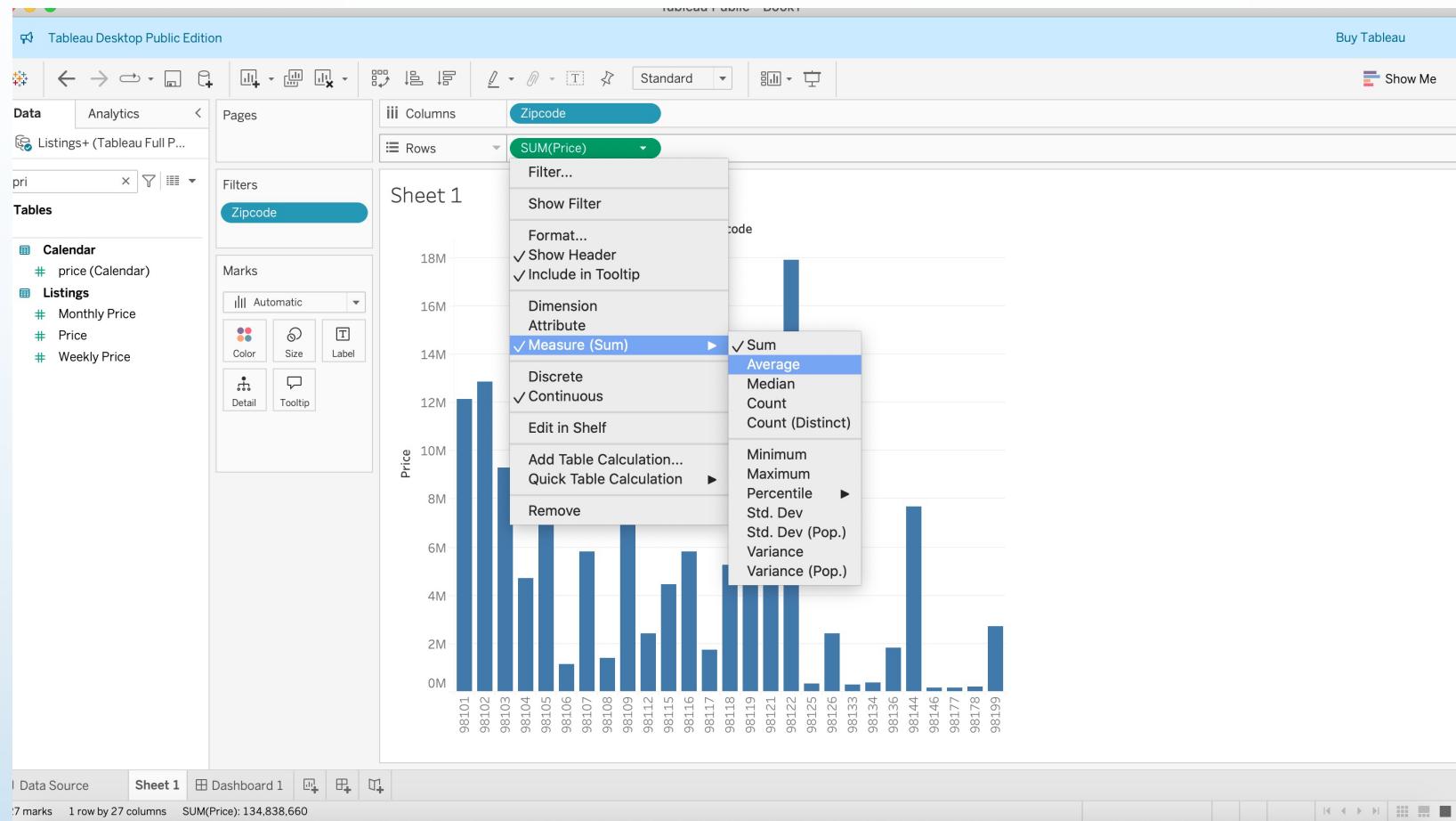
Data Source Sheet 1 Dashboard 1

28 marks 1 row by 28 columns

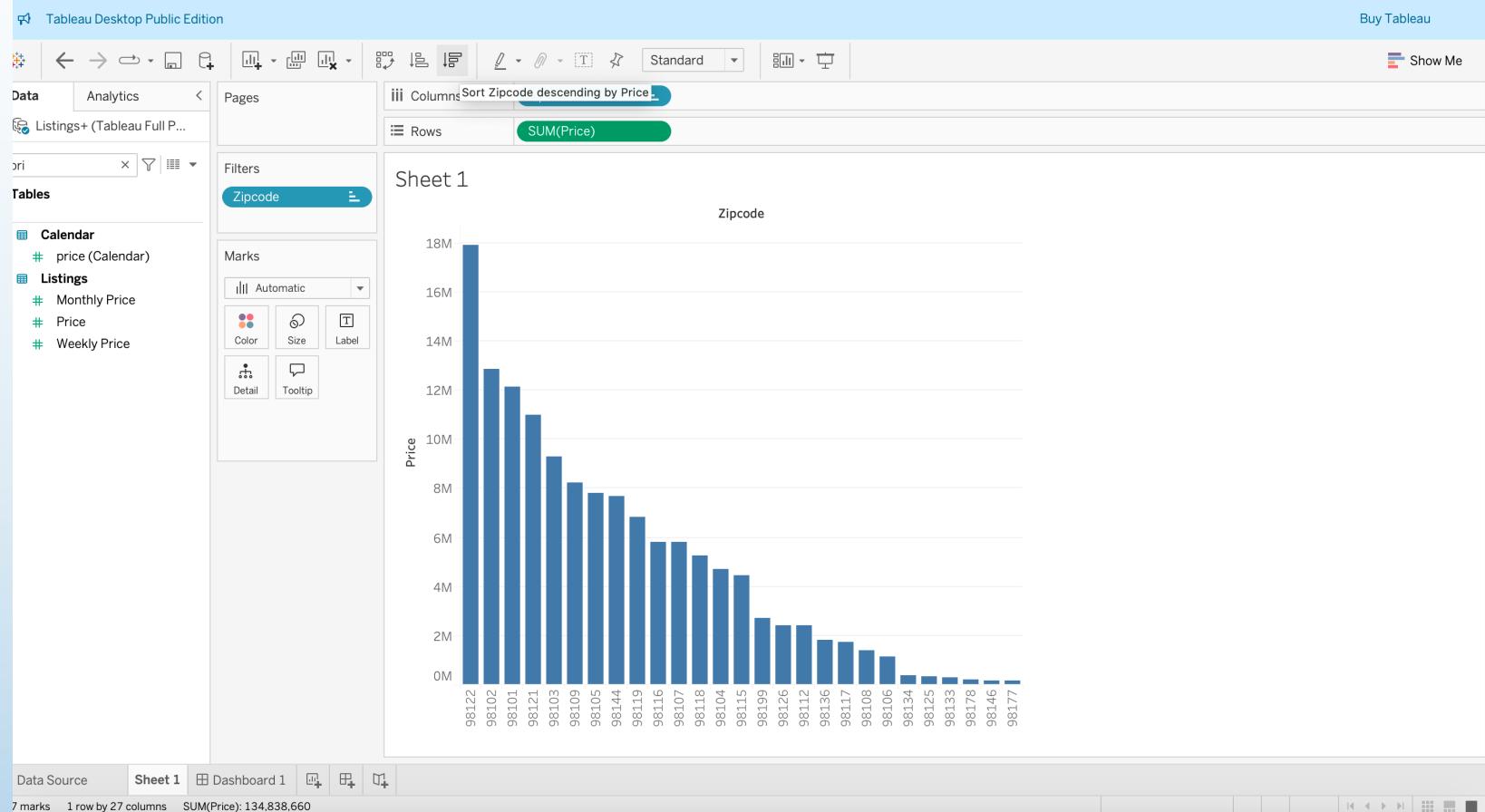
The screenshot shows the Tableau Desktop interface with a data visualization titled "Sheet 1". The visualization consists of a grid of 28 columns and 1 row, with the first column labeled "Zipcode". A context menu is open over the header of the second column, showing options like "Keep only", "Exclude", "Hide", "Format...", "Rotate Label", "Show Header" (which is checked), and "Edit Alias...". The left sidebar contains a "Tables" section listing various data fields such as "License", "Listing Url", "Market", etc. The bottom navigation bar includes tabs for "Data Source", "Sheet 1", and "Dashboard 1".

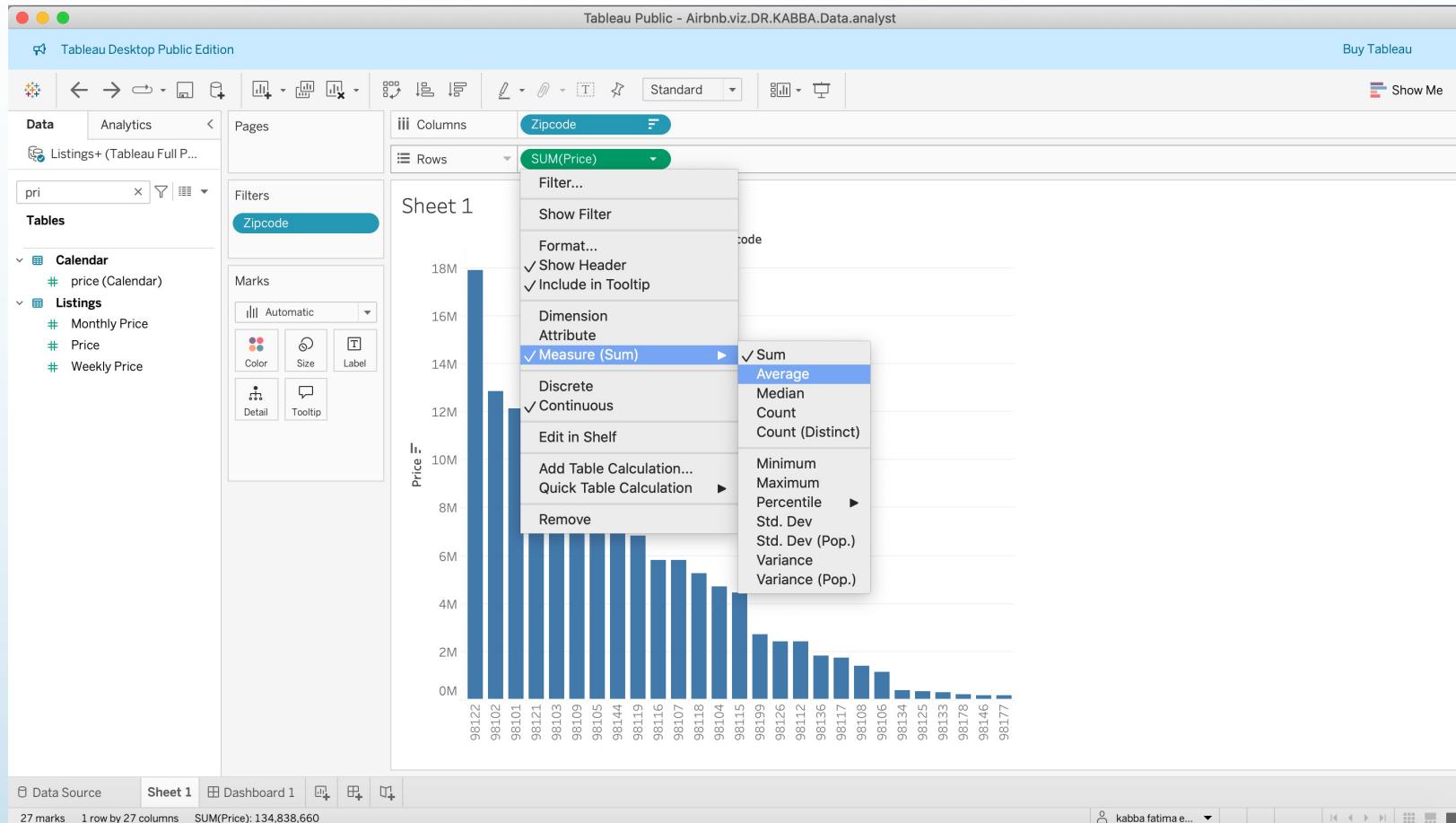


Drag the price into the lines

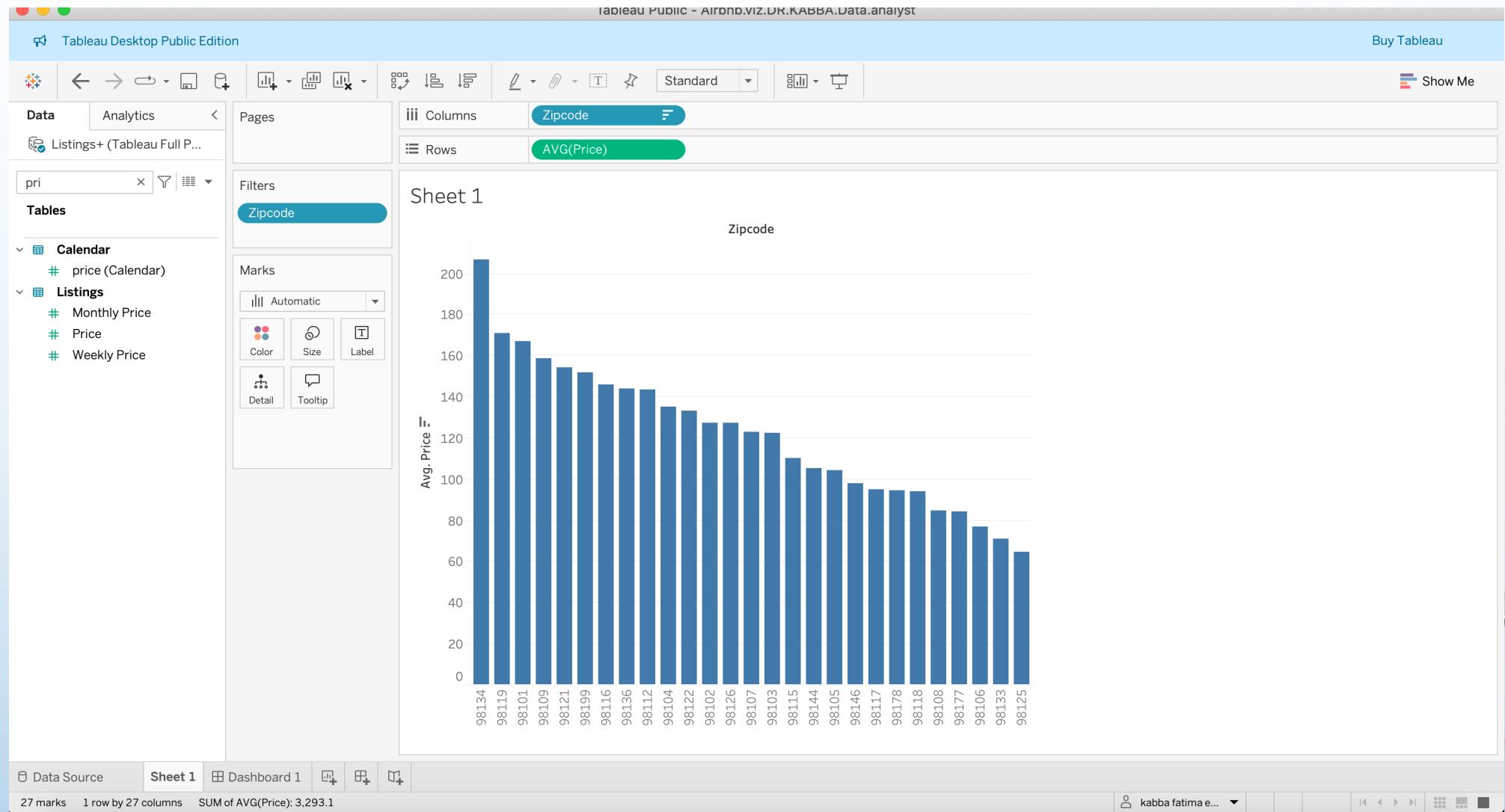


Reorganize it in ascending order

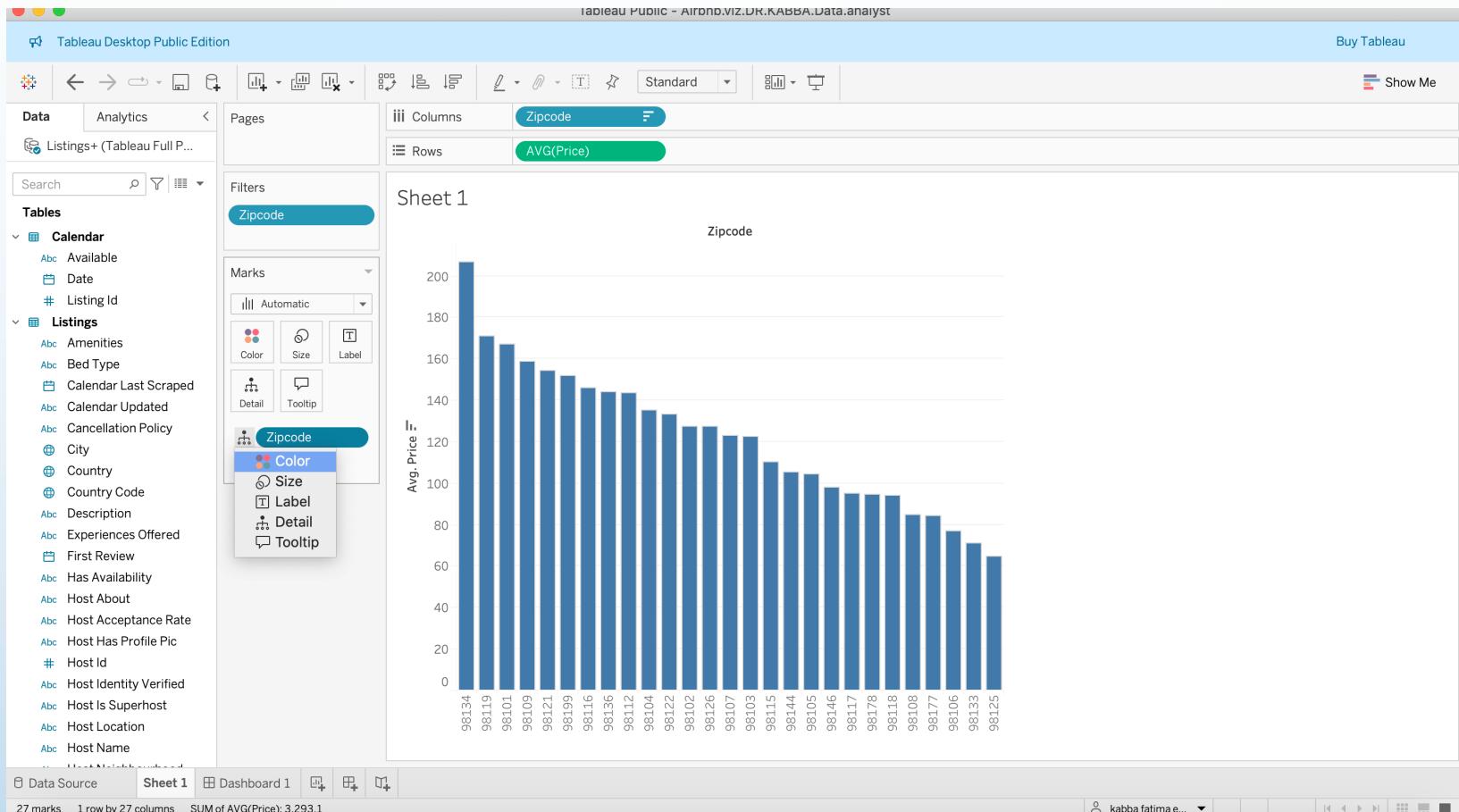




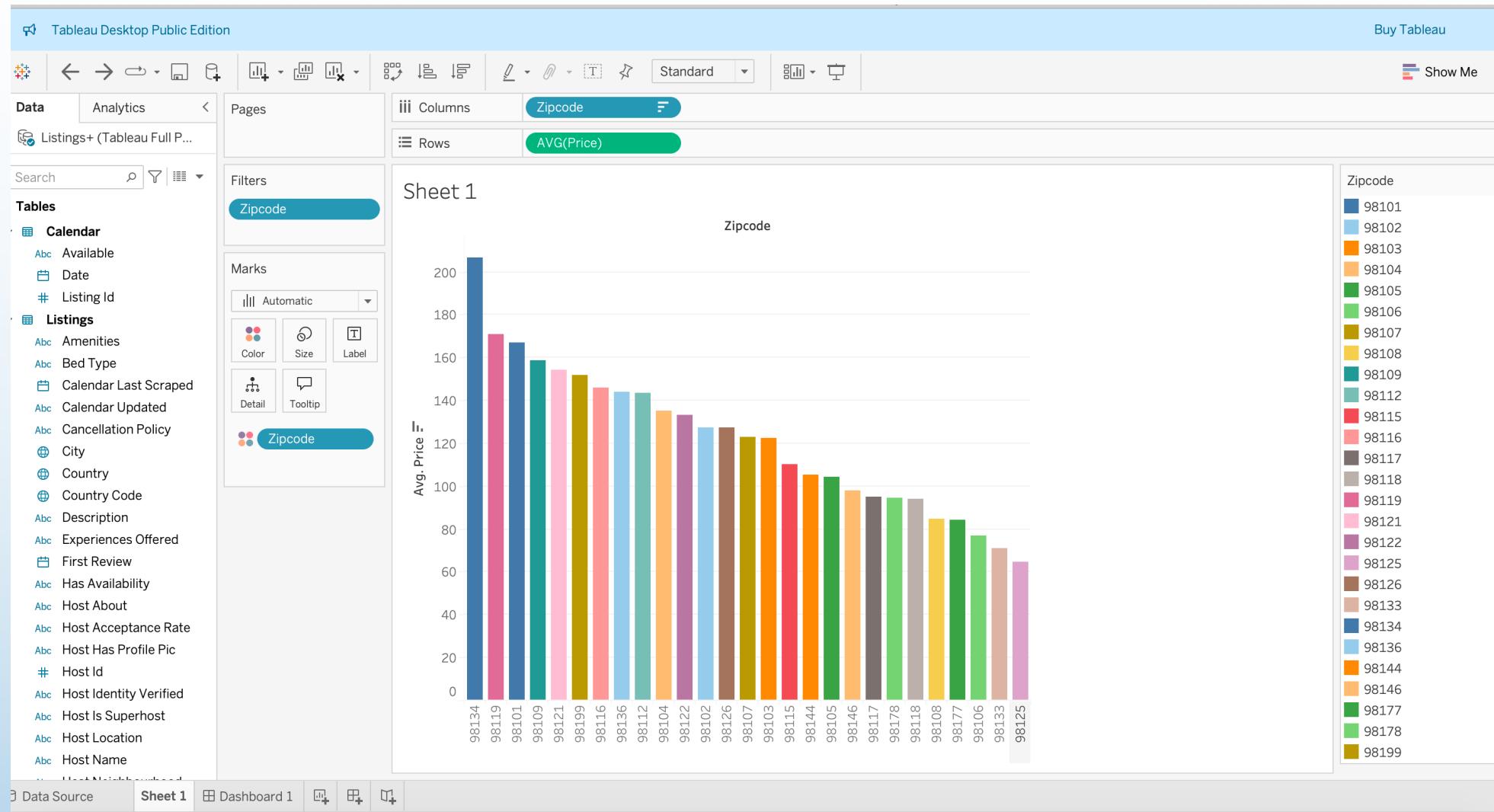
Reclassify the chart from descending to ascending order



Changing the color of the chart



Changing the color of the chart



Labeling the sheet

Tableau Desktop Public Edition

Buy Tableau

Show Me

Data Analytics < Pages

Columns Zipcode

Rows AVG(Price)

Search Tables

Zipcode

Marks Automatic

Color Size Label

Detail Tooltip

Zipcode

Sheet 1 Edit Title

Tableau Light 15 B I U Insert X

Price per Zipcode

Avg. Price

Reset Apply Cancel OK

98134 98119 98101 98109 98121 98199 98116 98136 98112 98104 98122 98102 98126 98107 98103 98115 98144 98105 98146 98117 98178 98118 98108 98177 98106 98133 98125

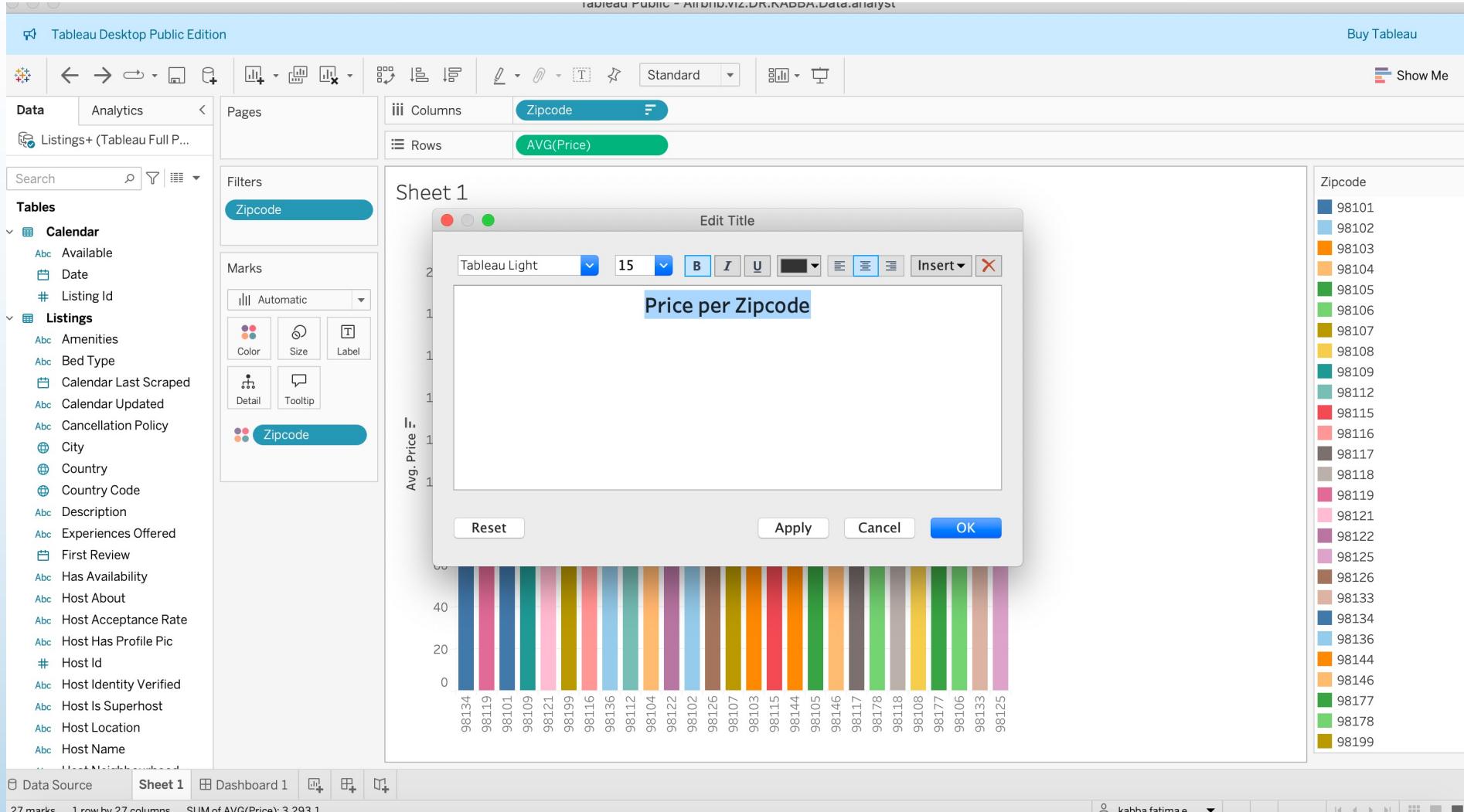
Zipcode

- 98101
- 98102
- 98103
- 98104
- 98105
- 98106
- 98107
- 98108
- 98109
- 98112
- 98115
- 98116
- 98117
- 98118
- 98119
- 98121
- 98122
- 98125
- 98126
- 98128
- 98133
- 98134
- 98136
- 98144
- 98146
- 98177
- 98178
- 98180
- 98199

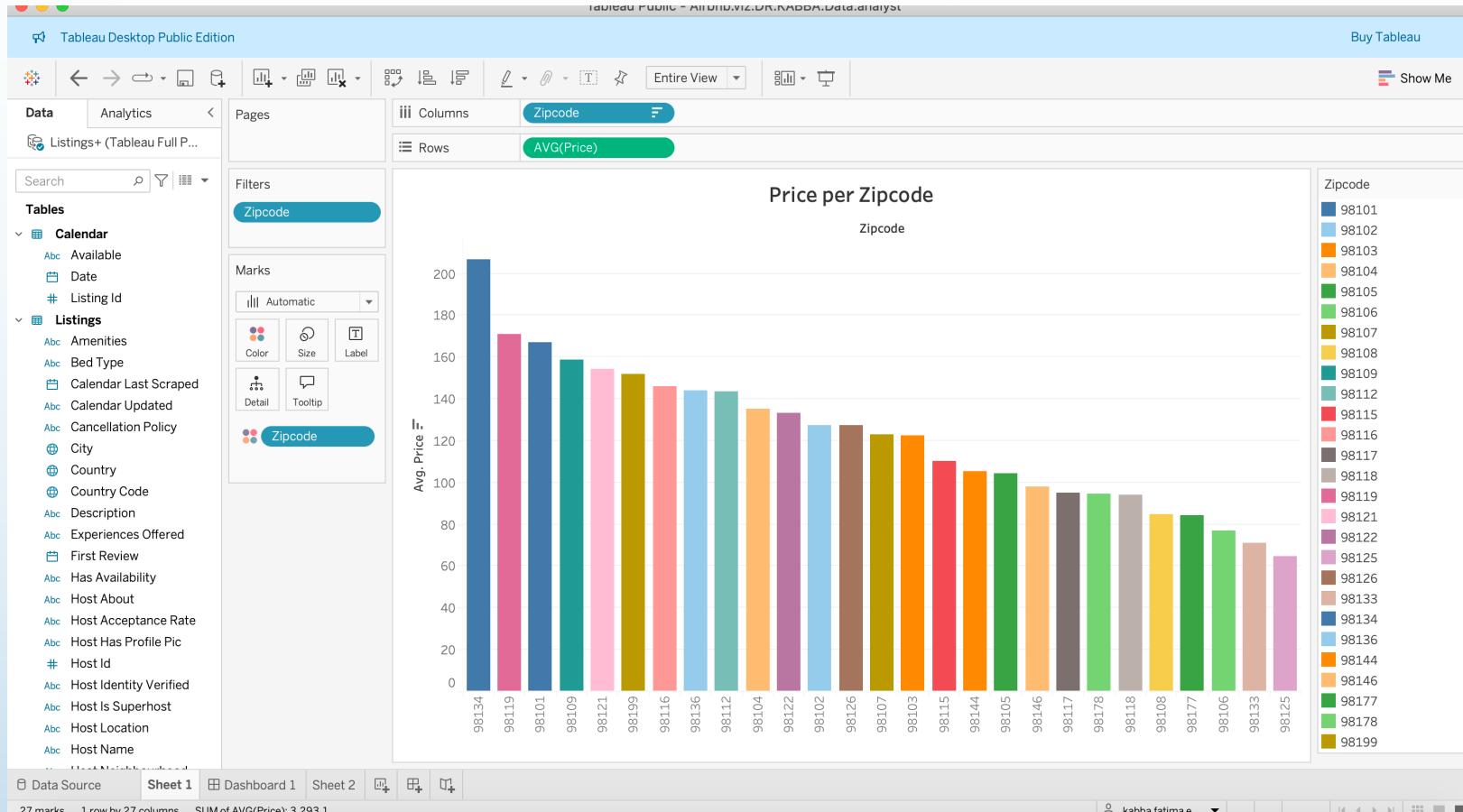
Data Source Sheet 1 Dashboard 1

27 marks 1 row by 27 columns SUM of AVG(Price): 3,293.1

kabba fatima e...



The chart Entire View



Click on the Map graph

Tableau Public - Airbnb.viz.DR.KABBA.Data.analyst

Show Me

Buy Tableau

Tableau Desktop Public Edition

Pages Columns Zipcode

Rows

Sheet 2

Zipcode

Null	98101	98102	98103	98104	98105	98106	98107	98108	98109	98112	98115	98116	98117
Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc

Marks Automatic

Color Size Text Detail Tooltip

For maps try

- 1 geo Dimension
- 0 or more Dimensions
- 0 or 1 Measure

May use spatial measure in place of geo dimension

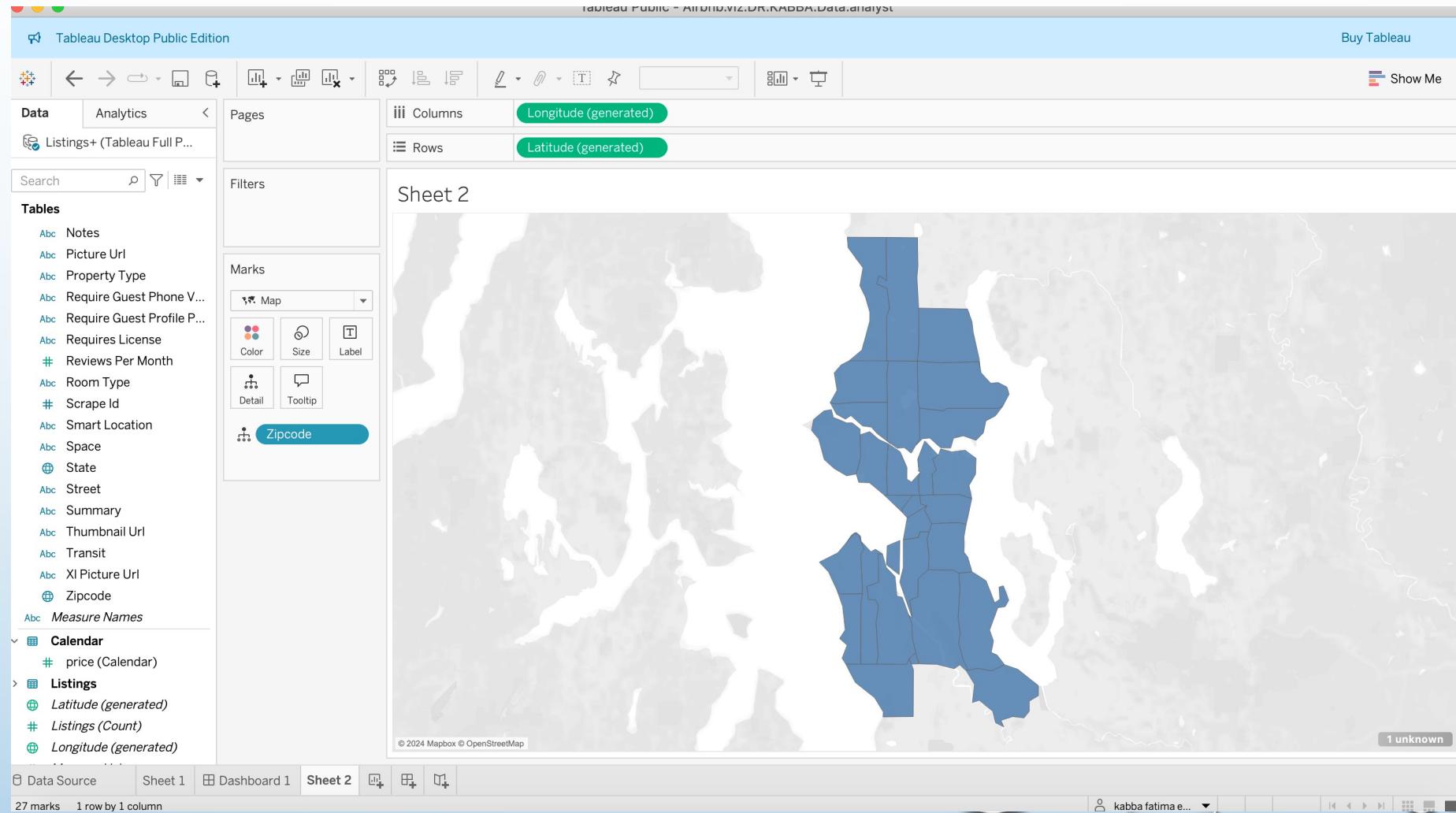
Data Source Sheet 1 Dashboard 1 Sheet 2

28 marks 1 row by 28 columns

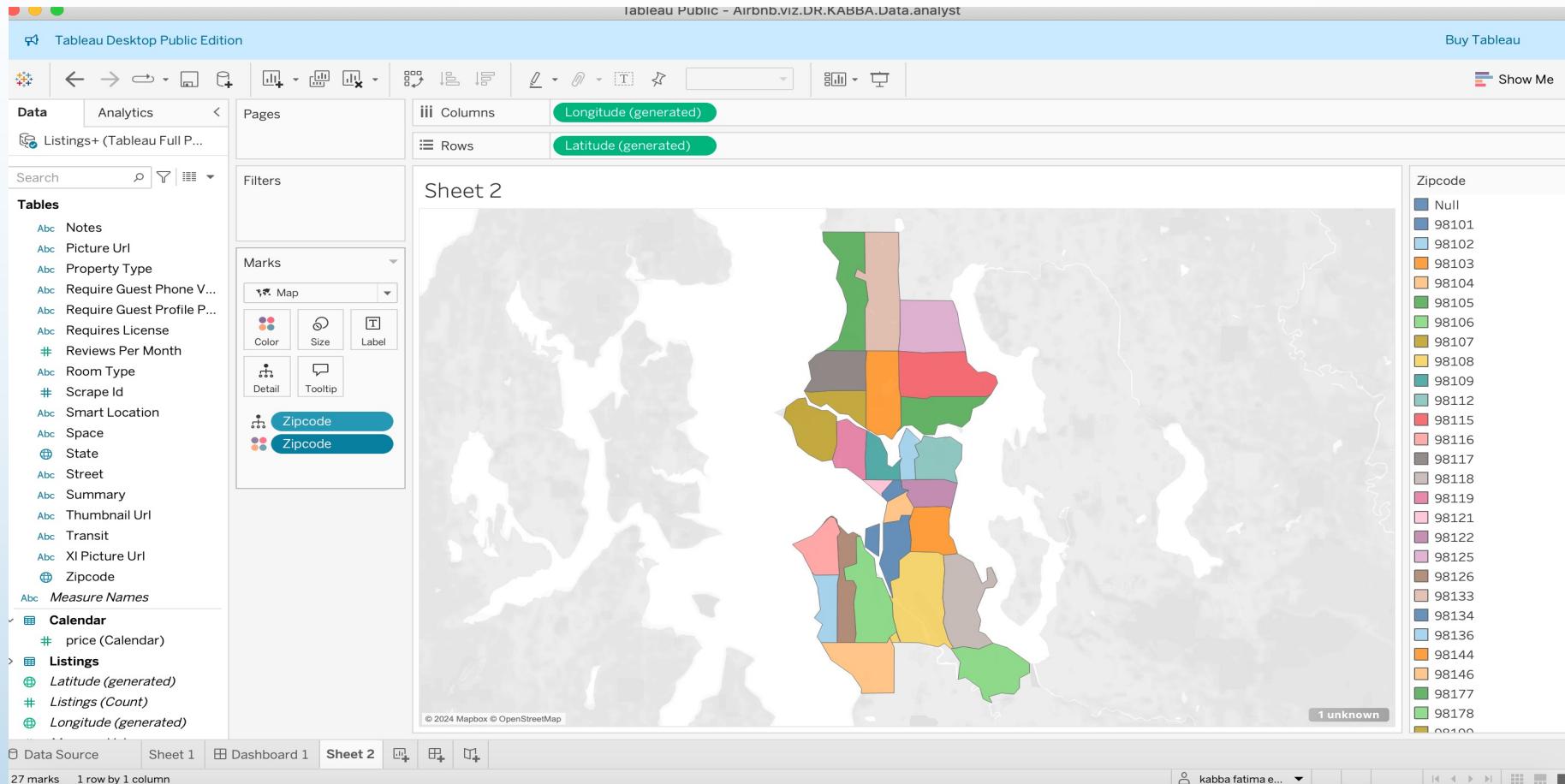
kabba fatima e...

The screenshot shows a Tableau desktop interface with a dashboard titled 'Sheet 2'. The dashboard contains a map visualization where each state is colored according to its zip code. A legend in the top right corner shows color-coded categories for different zip codes. The 'Marks' shelf is set to 'Automatic' and includes options for Color, Size, and Text, with 'Color' currently selected. The 'Data' shelf lists various dimensions and measures, including 'Zipcode' which is highlighted. The 'Show Me' panel on the right provides suggestions for creating maps based on the selected dimensions.

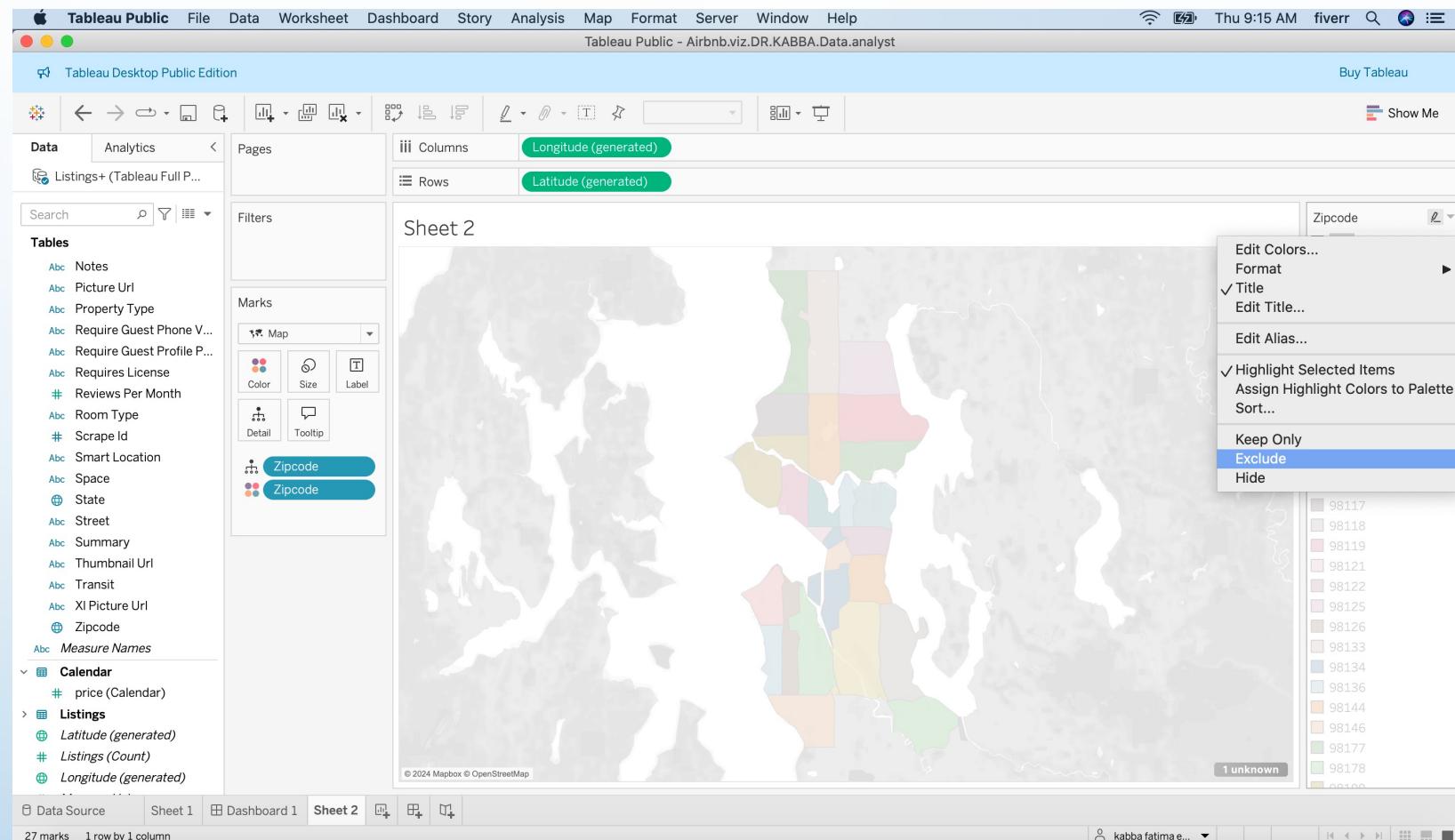
The map has been created in Tableau



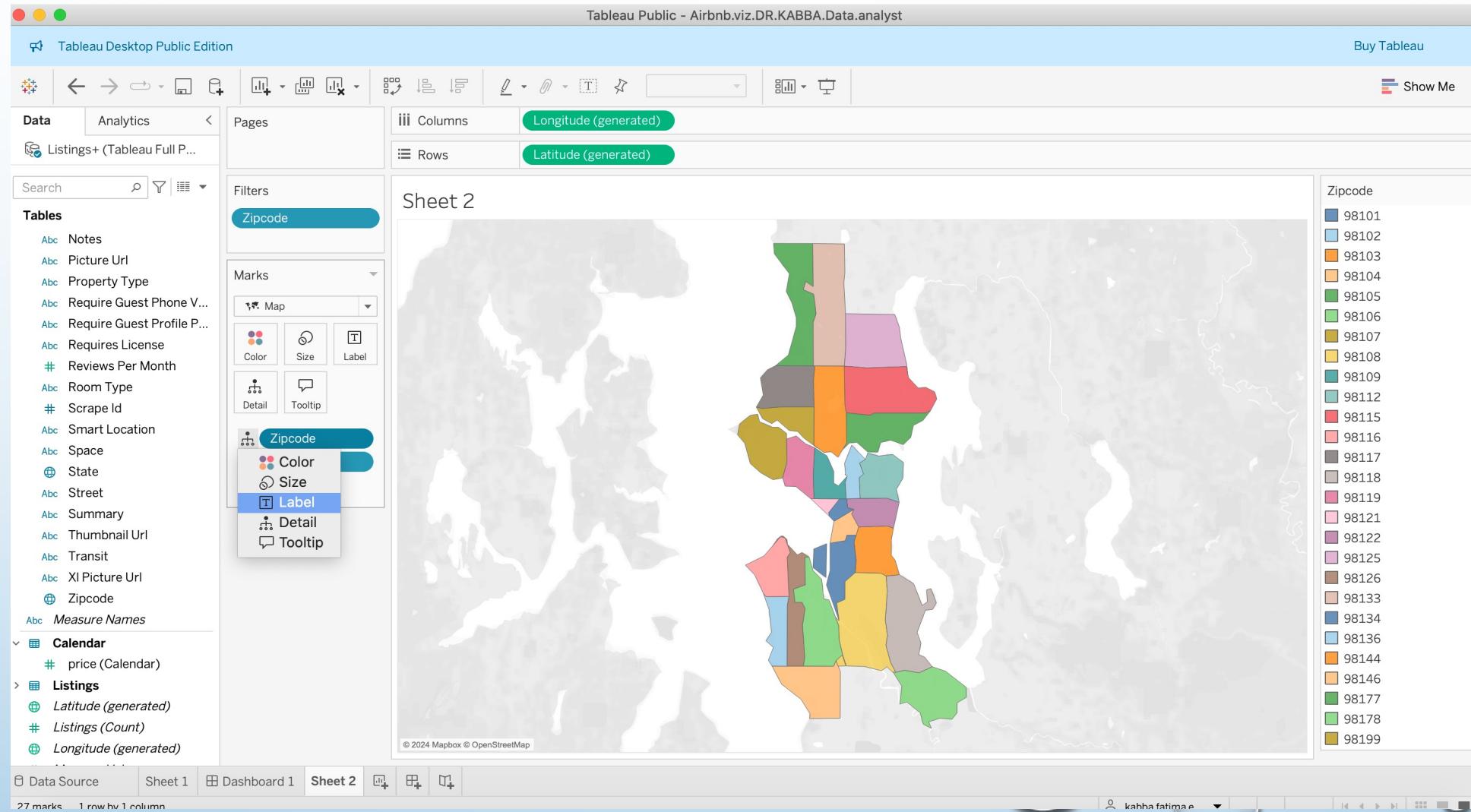
Changing the map visualization color



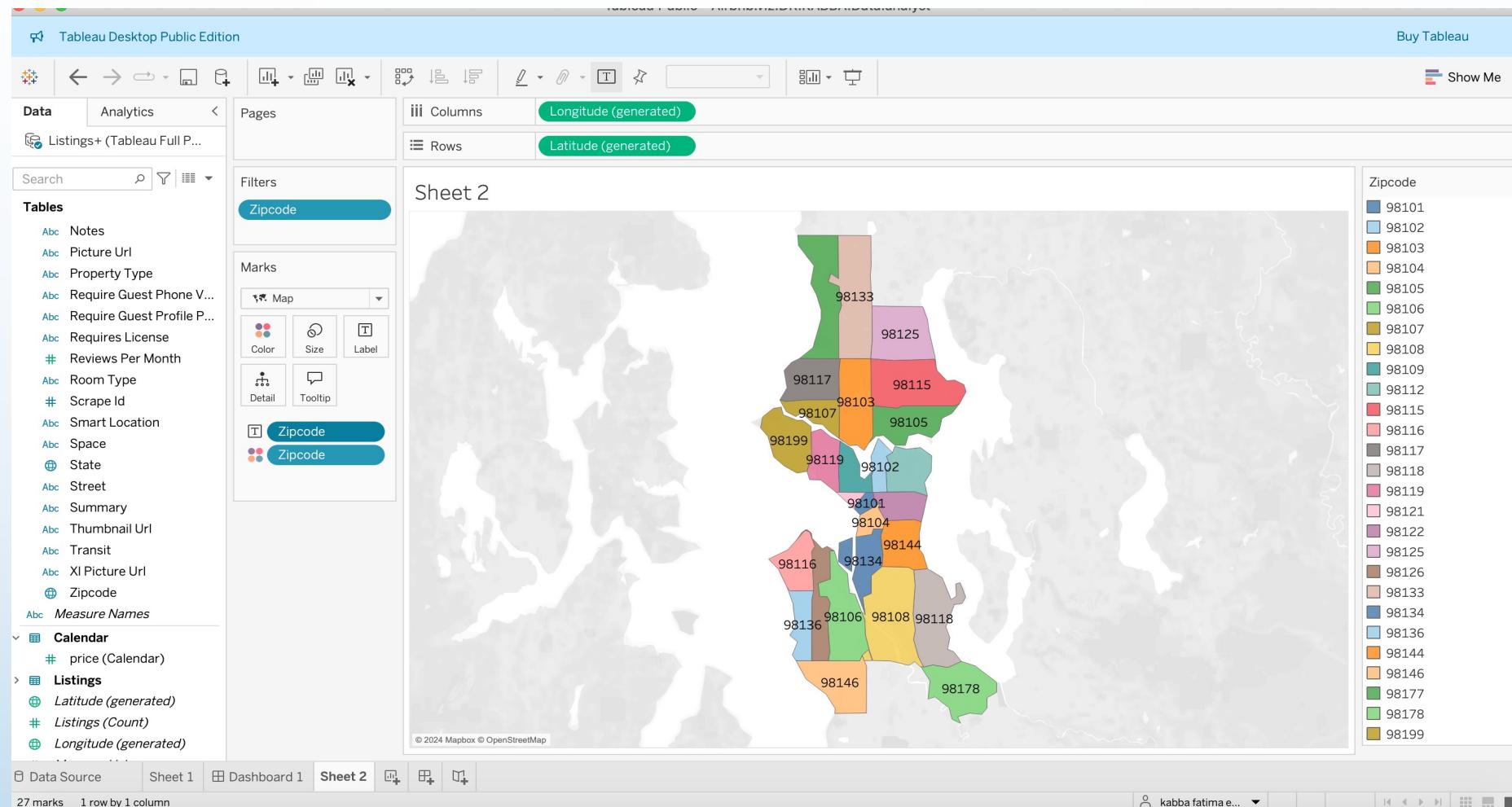
Exclude the null value



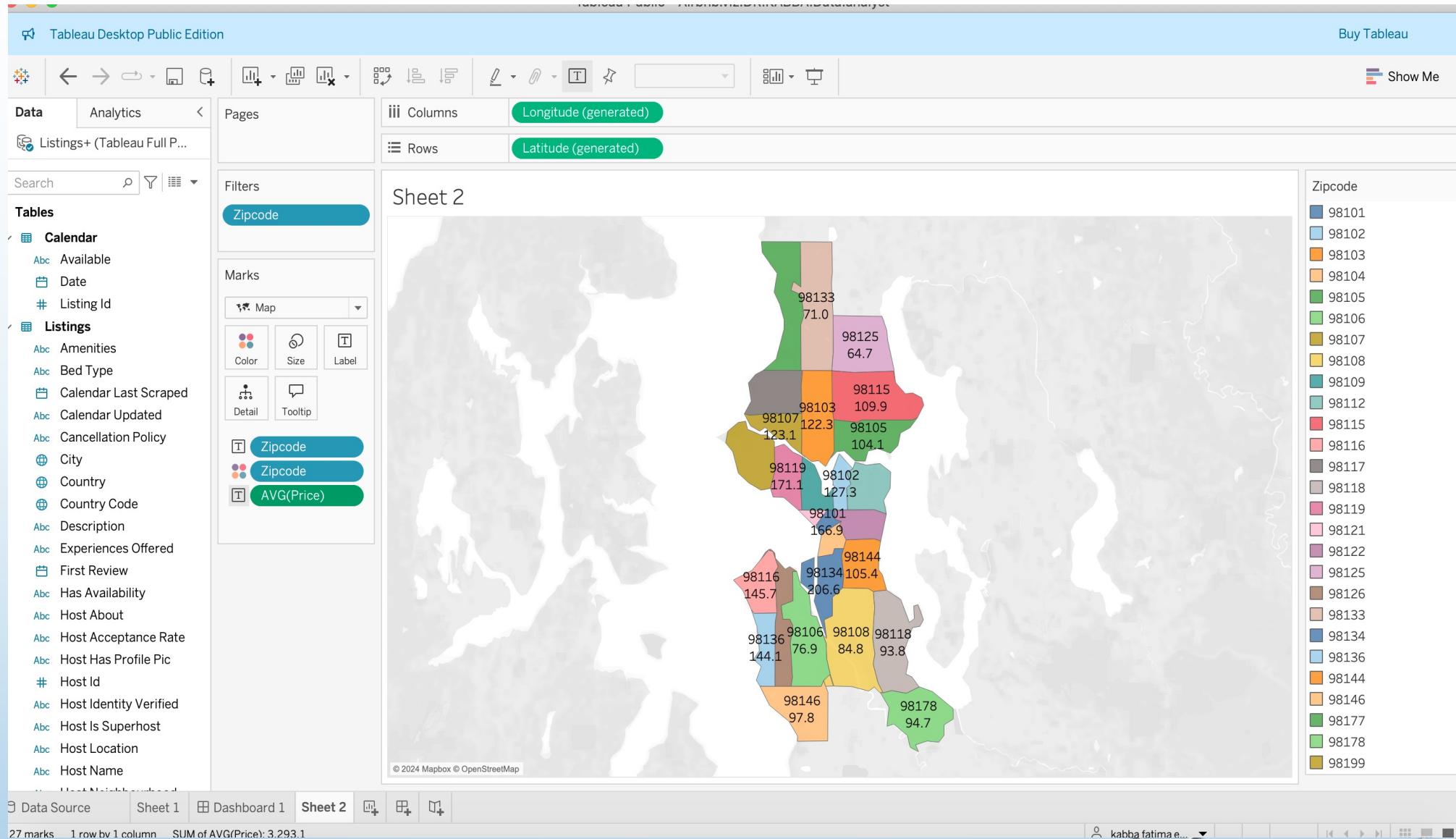
Adding the label to the map



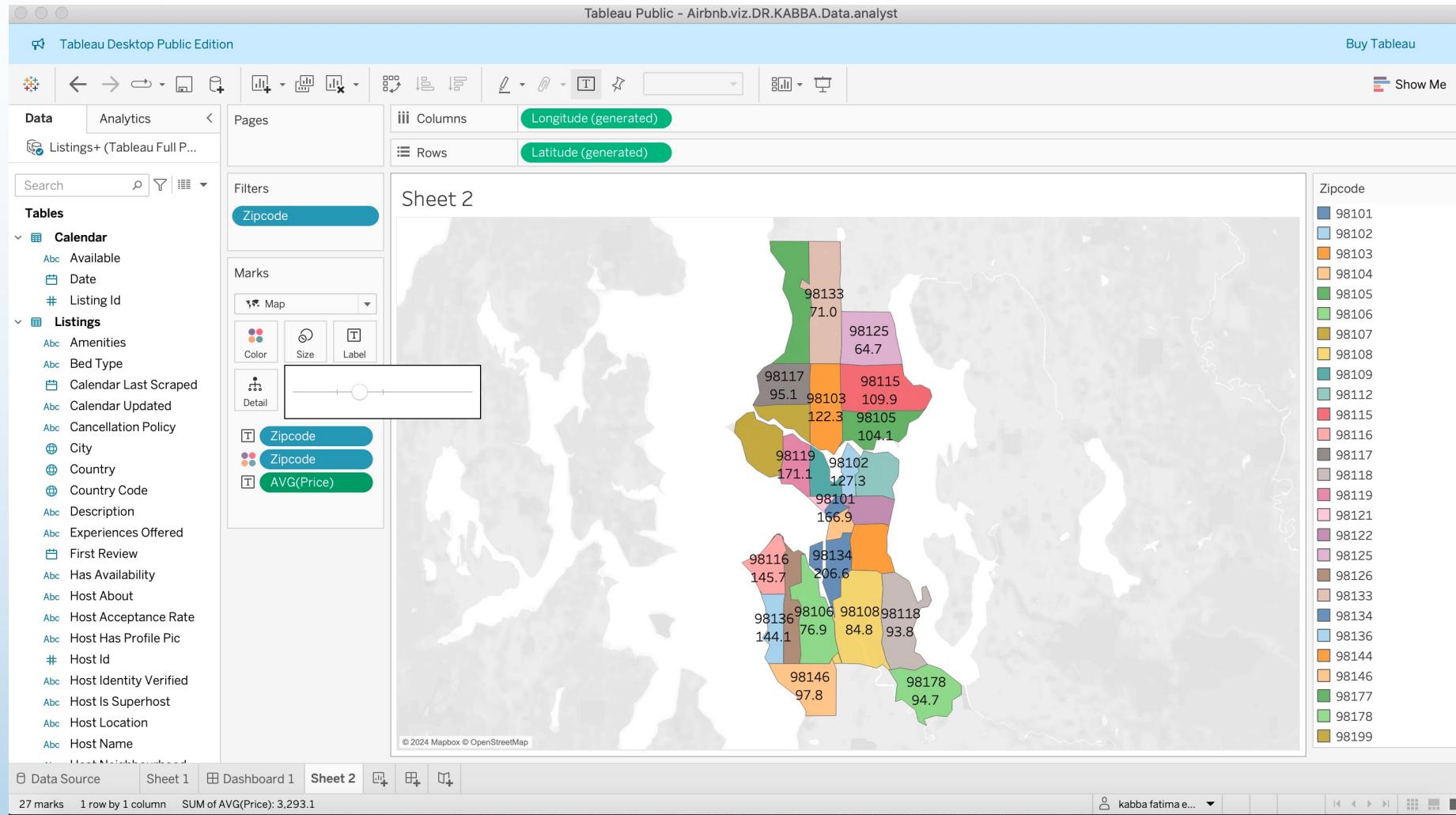
Adding the label to the map



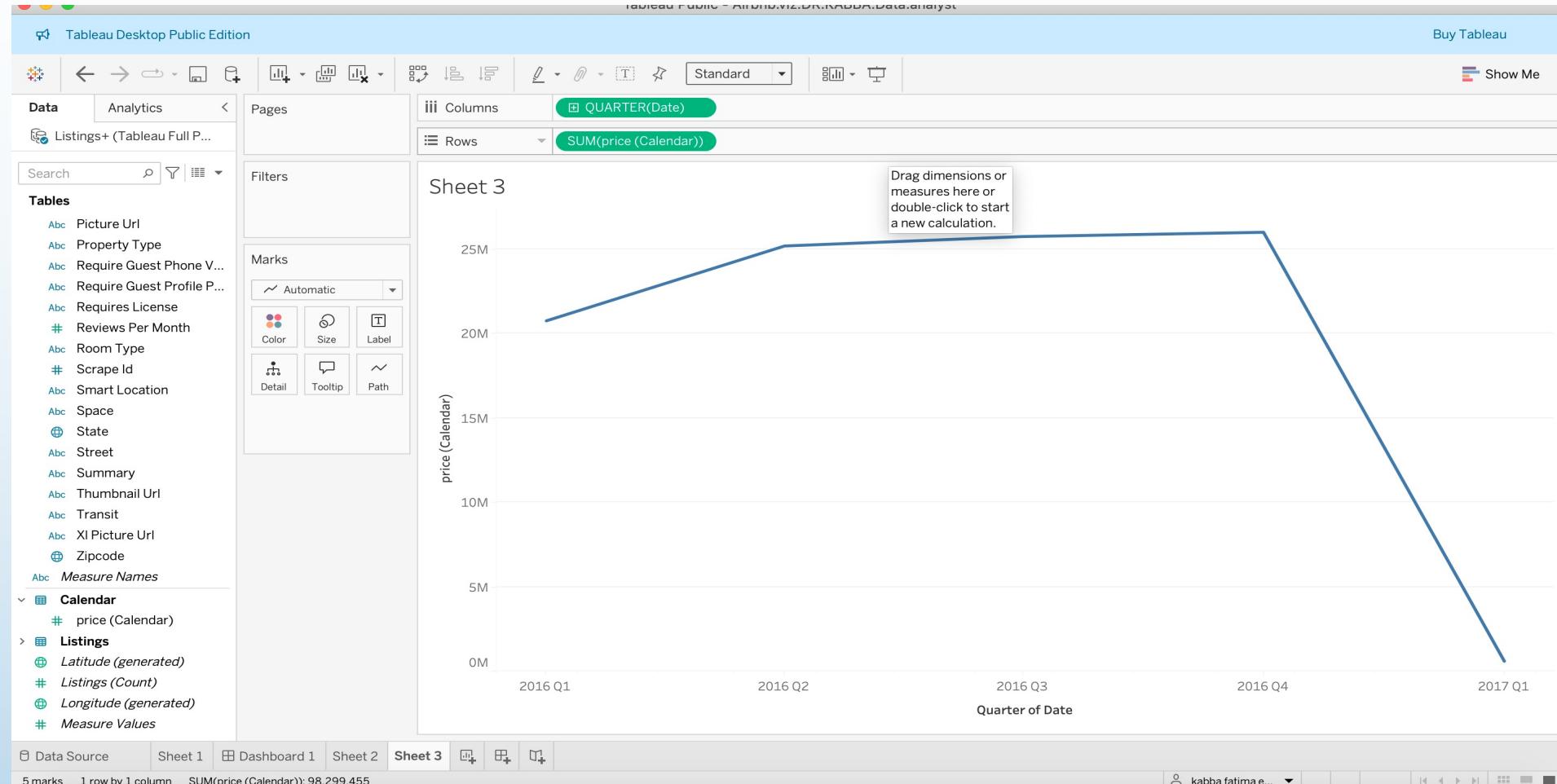
Adding the price as a label



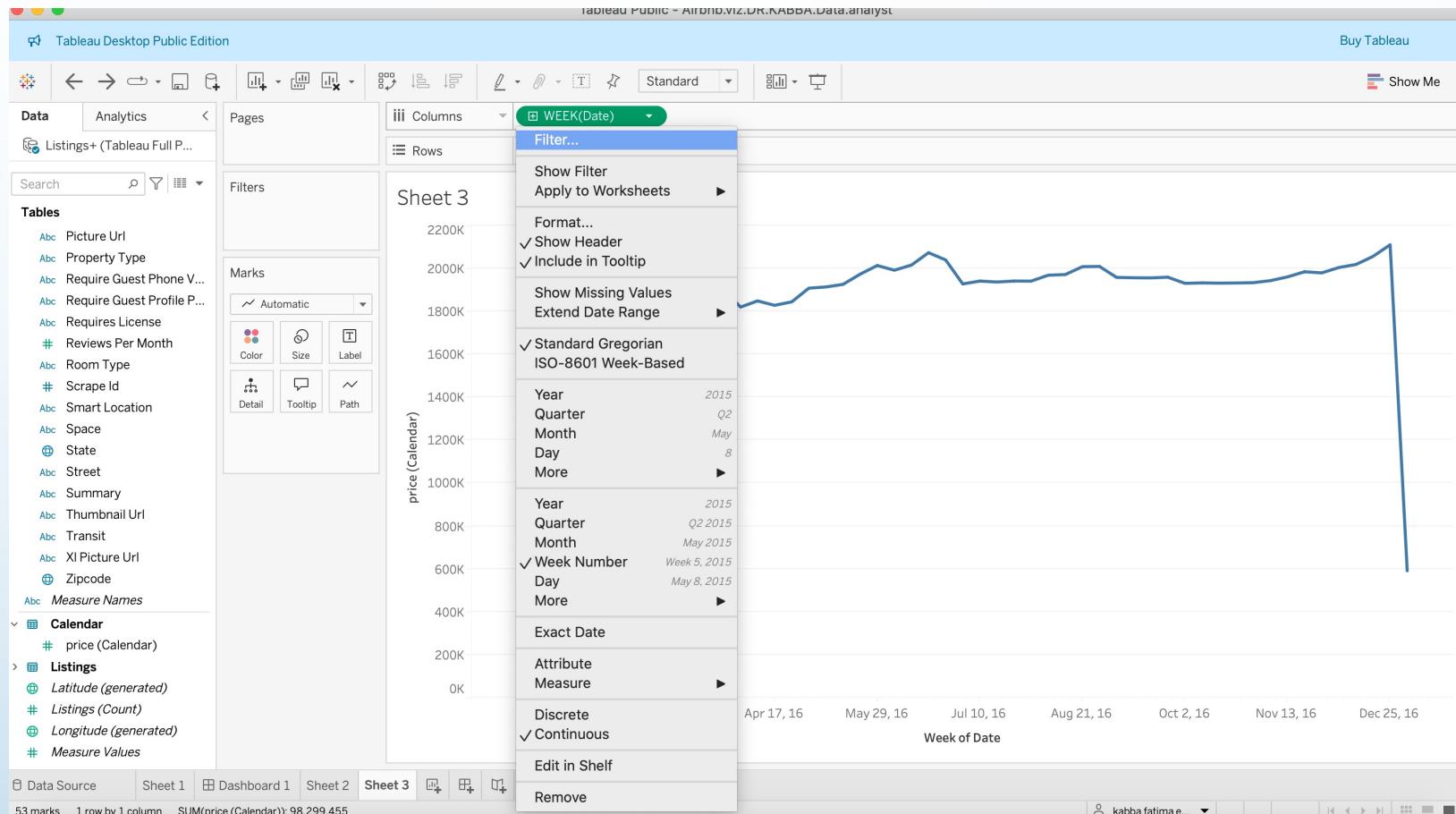
You can change the size from the Marks card (size exists on the Marks card)



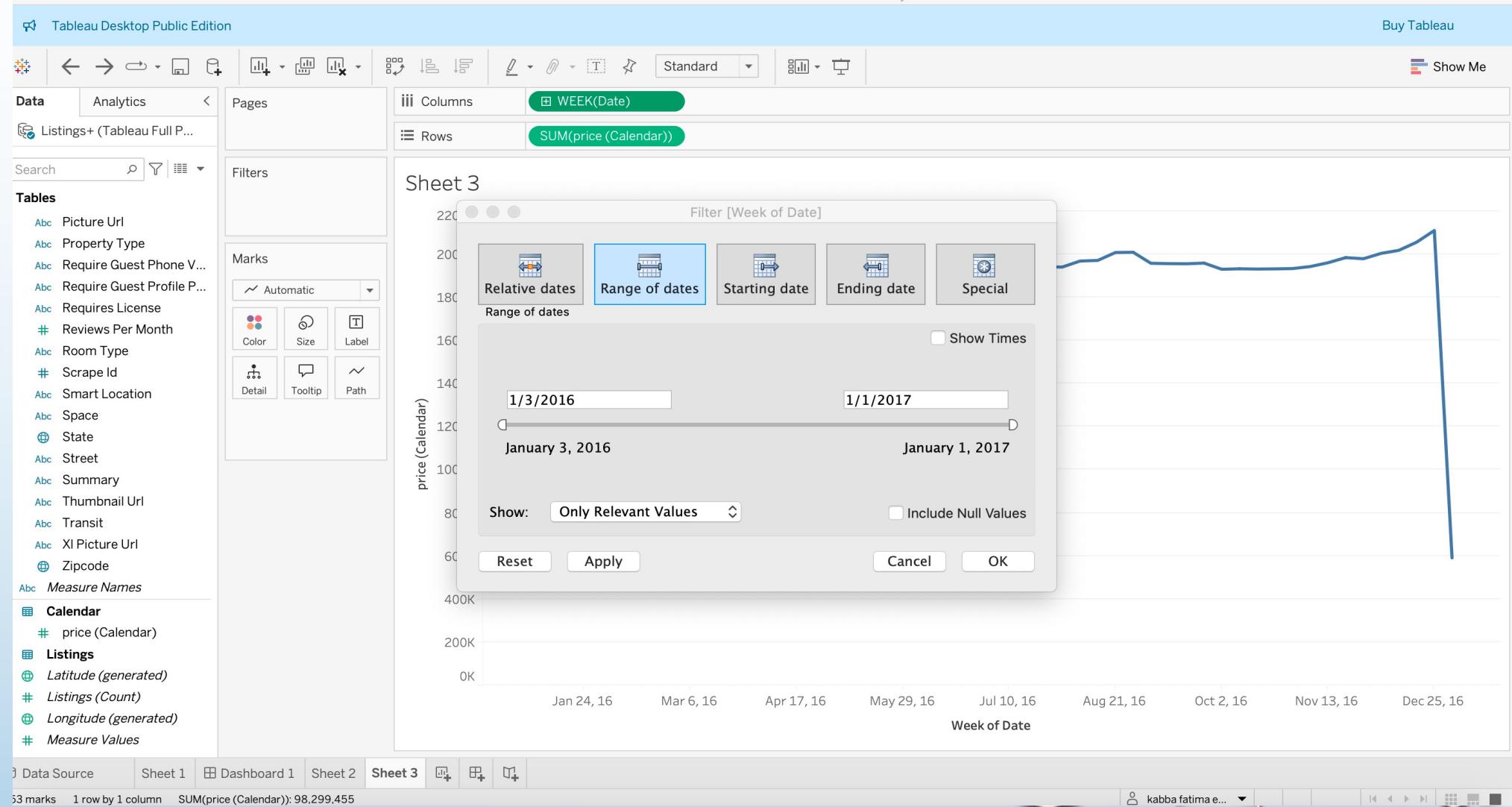
The price per quarter



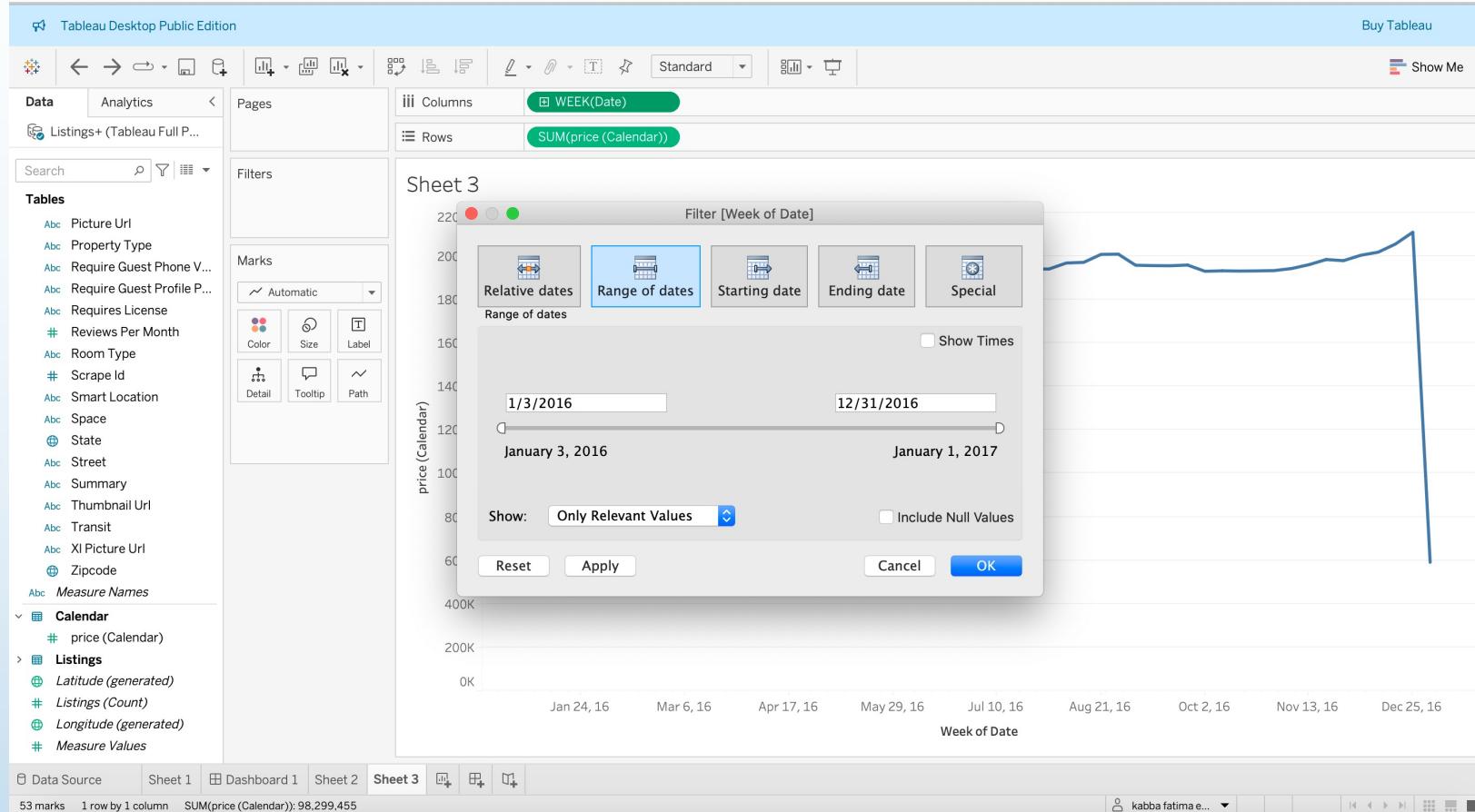
Filtering the data to eliminate irrelevant or unnecessary elements from the visualization.

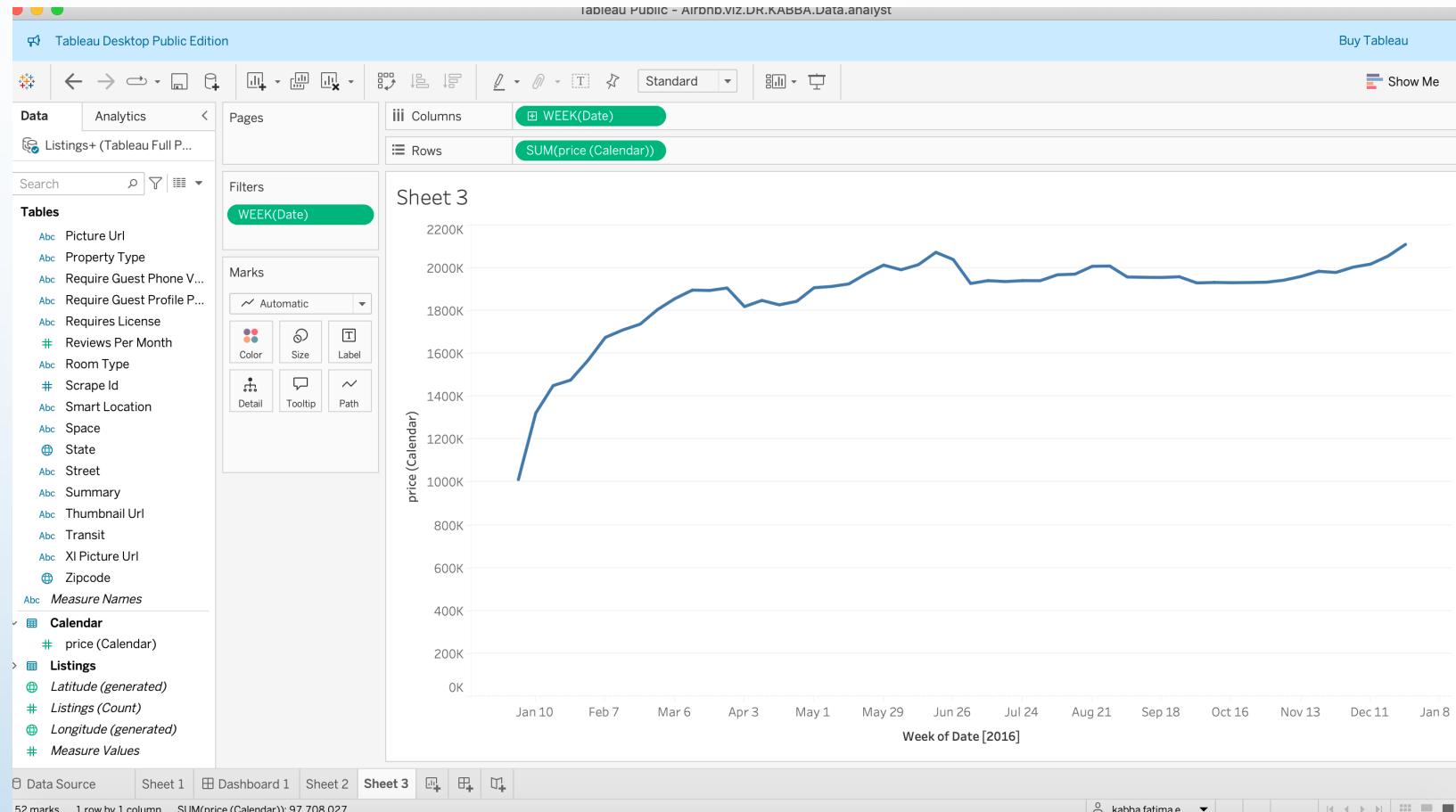


Filtering the data to eliminate irrelevant elements from the visualization.

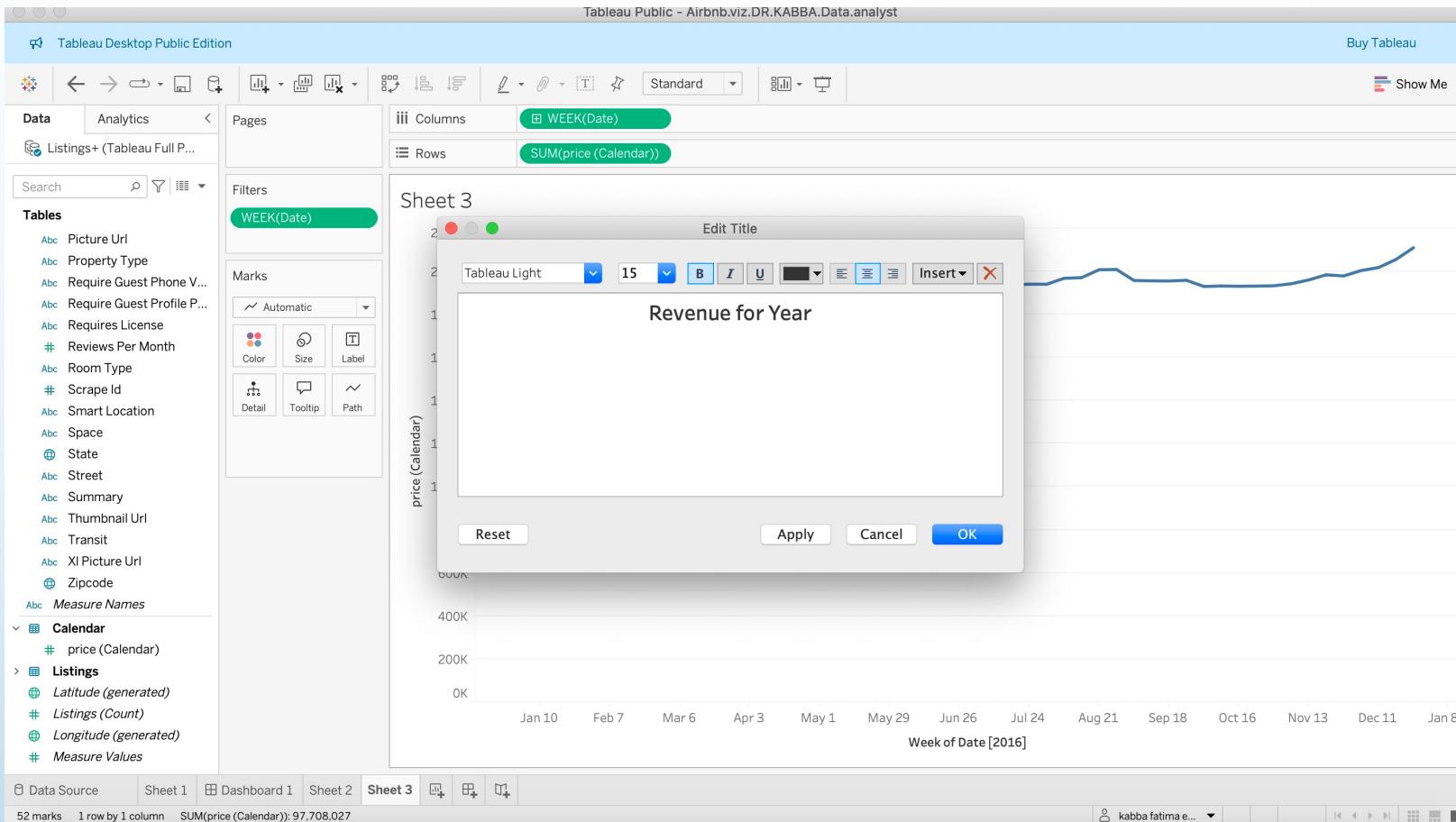


We applied the filter back to 31/12/2016 to fix the issue

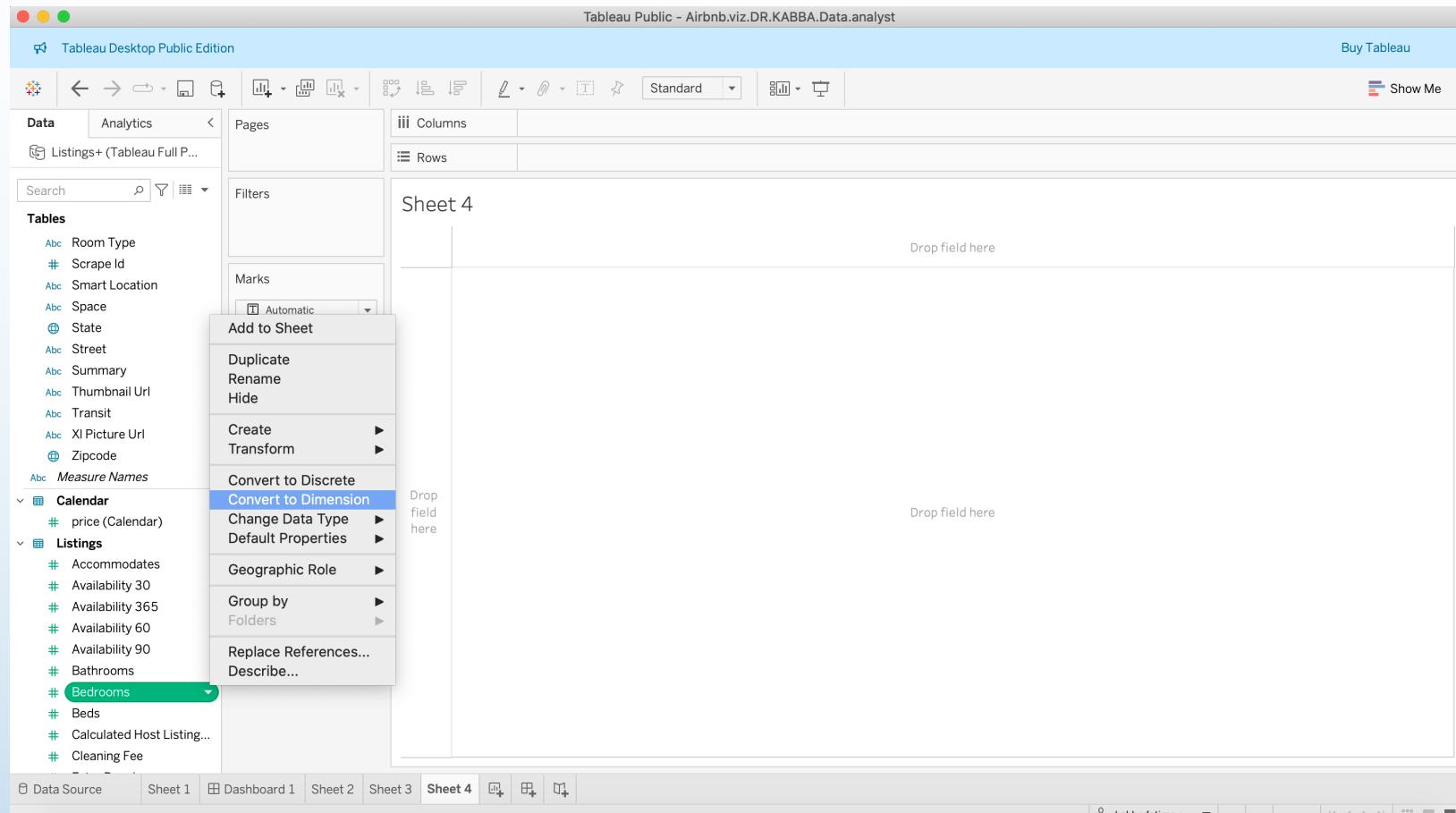




Labeling the Sheet



Converting the data from measures to dimensions



The measure has now been converted to a dimension

Tableau Desktop Public Edition

Buy Tableau

Show Me

Data Analytics < Pages

Bedrooms

Rows

Filters

Search

Tables

- # Bedrooms
- Calendar Last Scrapped
- ABC Calendar Updated
- ABC Cancellation Policy
- City
- Country
- Country Code
- ABC Description
- ABC Experiences Offered
- First Review
- ABC Has Availability
- ABC Host About
- ABC Host Acceptance Rate
- ABC Host Has Profile Pic
- # Host Id
- ABC Host Identity Verified
- ABC Host Is Superhost
- ABC Host Location
- ABC Host Name
- ABC Host Neighbourhood
- ABC Host Picture Url
- ABC Host Response Rate
- ABC Host Response Time
- Host Since
- ABC Host Thumbnail Url

Marks

Automatic

Color Size Text Detail Tooltip

Sheet 4

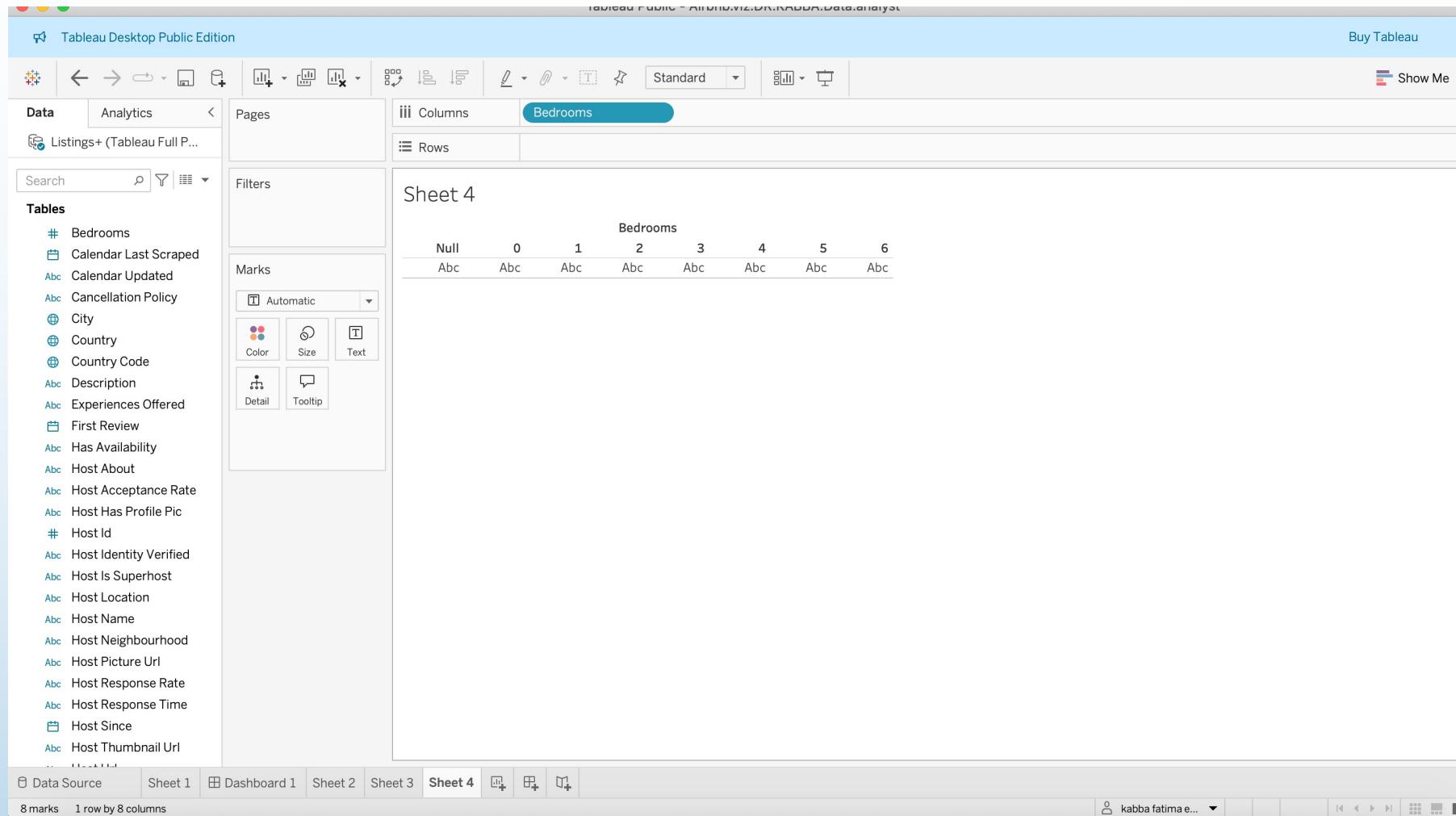
Bedrooms

Null	0	1	2	3	4	5	6
Abc	Abc	Abc	Abc	Abc	Abc	Abc	Abc

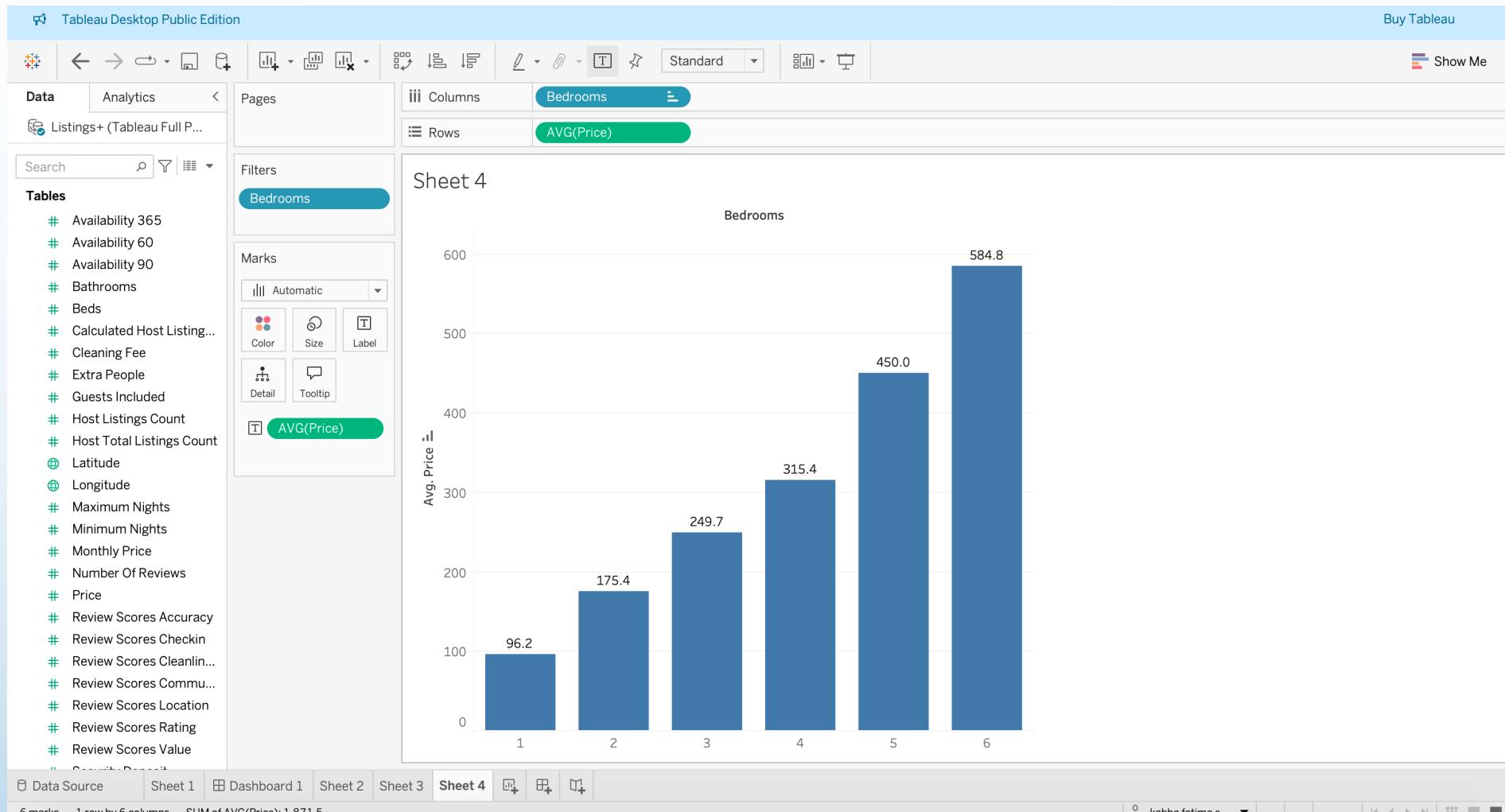
Data Source Sheet 1 Dashboard 1 Sheet 2 Sheet 3 Sheet 4

8 marks 1 row by 8 columns

kabba fatima e...



Price versus the number of bedrooms



We drag bedrooms Fields into the rows

Tableau Desktop Public Edition Buy Tableau

Show Me

Data Analytics < Pages Columns
Listings+ (Tableau Full P... Rows Bedrooms

Search Filters

Tables

Calendar

- Abc Available
- Date
- # Listing Id

Listings

- Abc Amenities
- Abc Bed Type
- # Bedrooms
- Calendar Last Scrapped
- Abc Calendar Updated
- Abc Cancellation Policy
- City
- Country
- Country Code
- Abc Description
- Abc Experiences Offered
- First Review
- Abc Has Availability
- Abc Host About
- Abc Host Acceptance Rate
- Abc Host Has Profile Pic
- # Host Id
- Abc Host Identity Verified
- Abc Host Is Superhost
- Abc Host Location

Marks

Automatic

Color Size Text
Detail Tooltip

Sheet 5

Bedrooms

	Bedrooms
Null	Abc
0	Abc
1	Abc
2	Abc
3	Abc
4	Abc
5	Abc
6	Abc

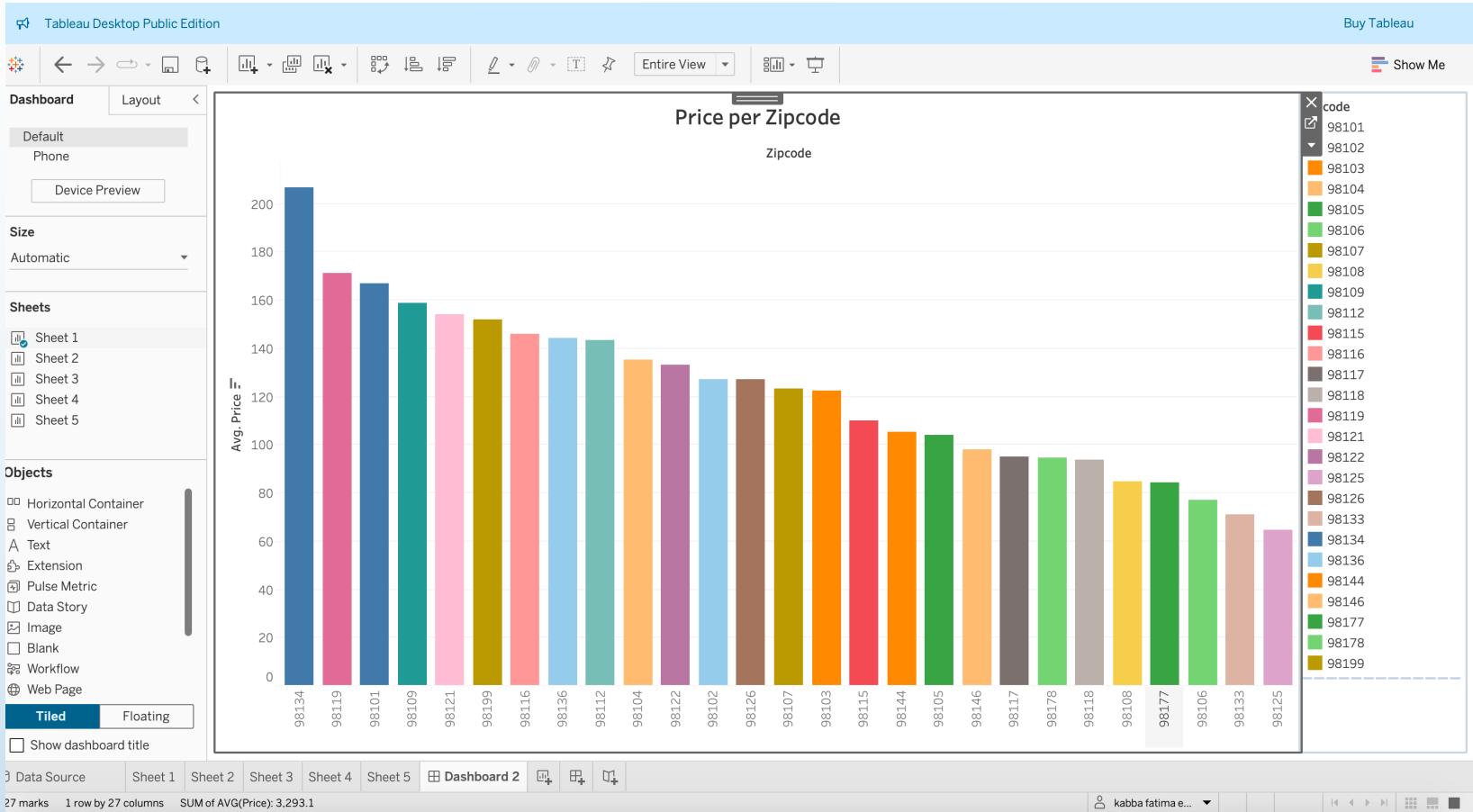
Data Source Sheet 1 Dashboard 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5
8 marks 8 rows by 1 column

kabba fatima e...

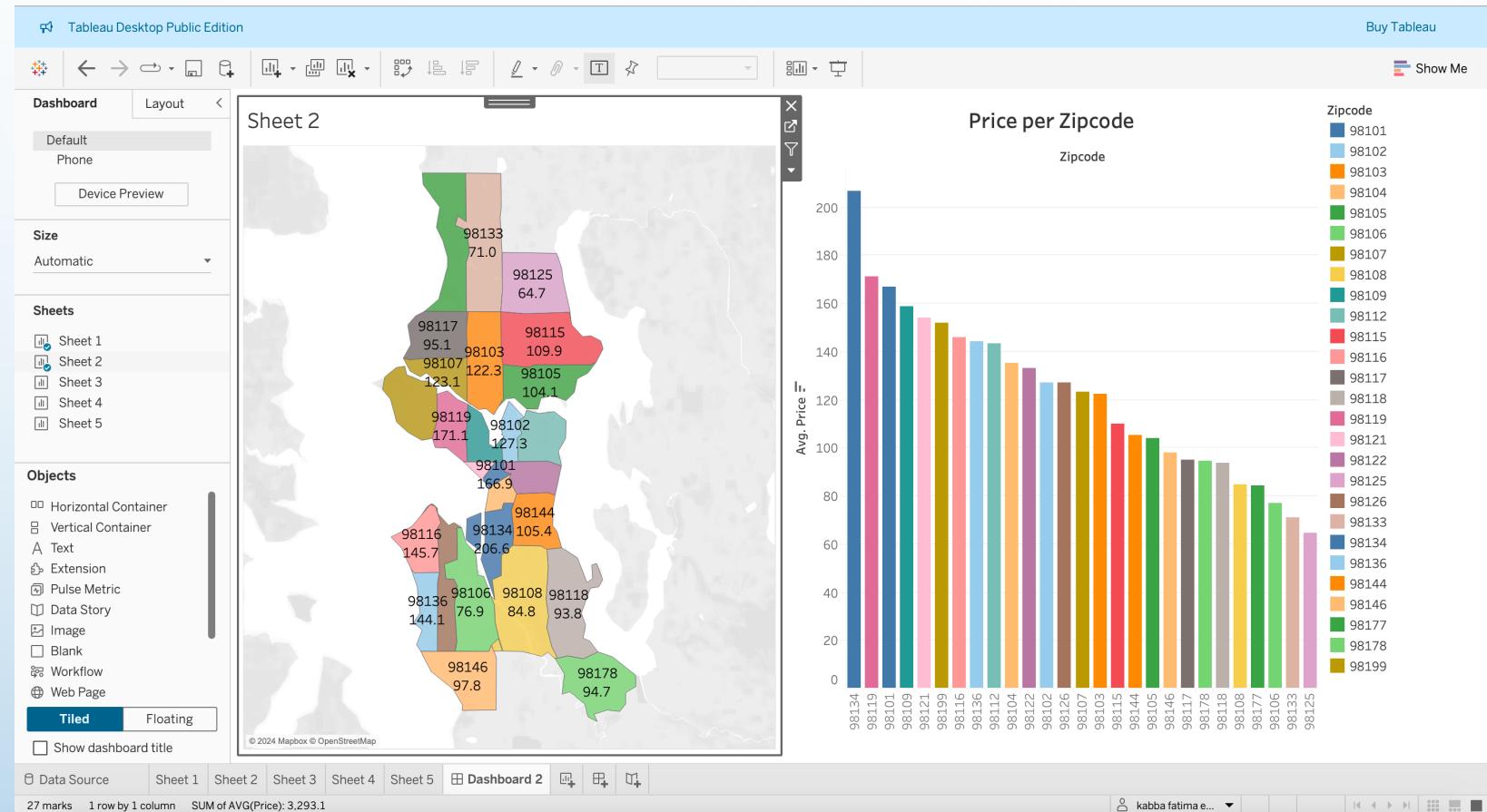
Adding the Bedrooms field into the filters

The screenshot shows the Tableau Desktop Public Edition interface. On the left, the 'Tables' pane is open, displaying two tables: 'Calendar' and 'Listings'. Under 'Listings', several fields are listed, including 'Bedrooms'. The main workspace contains a single sheet titled 'Sheet 5'. A filter dialog box is open over the sheet, specifically for the 'Bedrooms' field. The dialog box has a title 'Filter [Bedrooms]' and tabs for 'General', 'Wildcard', 'Condition', and 'Top'. The 'General' tab is selected. It shows a list of values from 0 to 6, with checkboxes next to each. The values 1, 2, 3, 4, 5, and 6 have checkboxes checked, while Null and 0 are unchecked. Below the list are buttons for 'All', 'None', and 'Exclude'. A summary section at the bottom displays the following information: Field: [Bedrooms], Selection: Selected 6 of 8 values, Wildcard: All, Condition: None, and Limit: None. At the bottom of the dialog are 'Reset', 'Apply', 'Cancel', and 'OK' buttons.

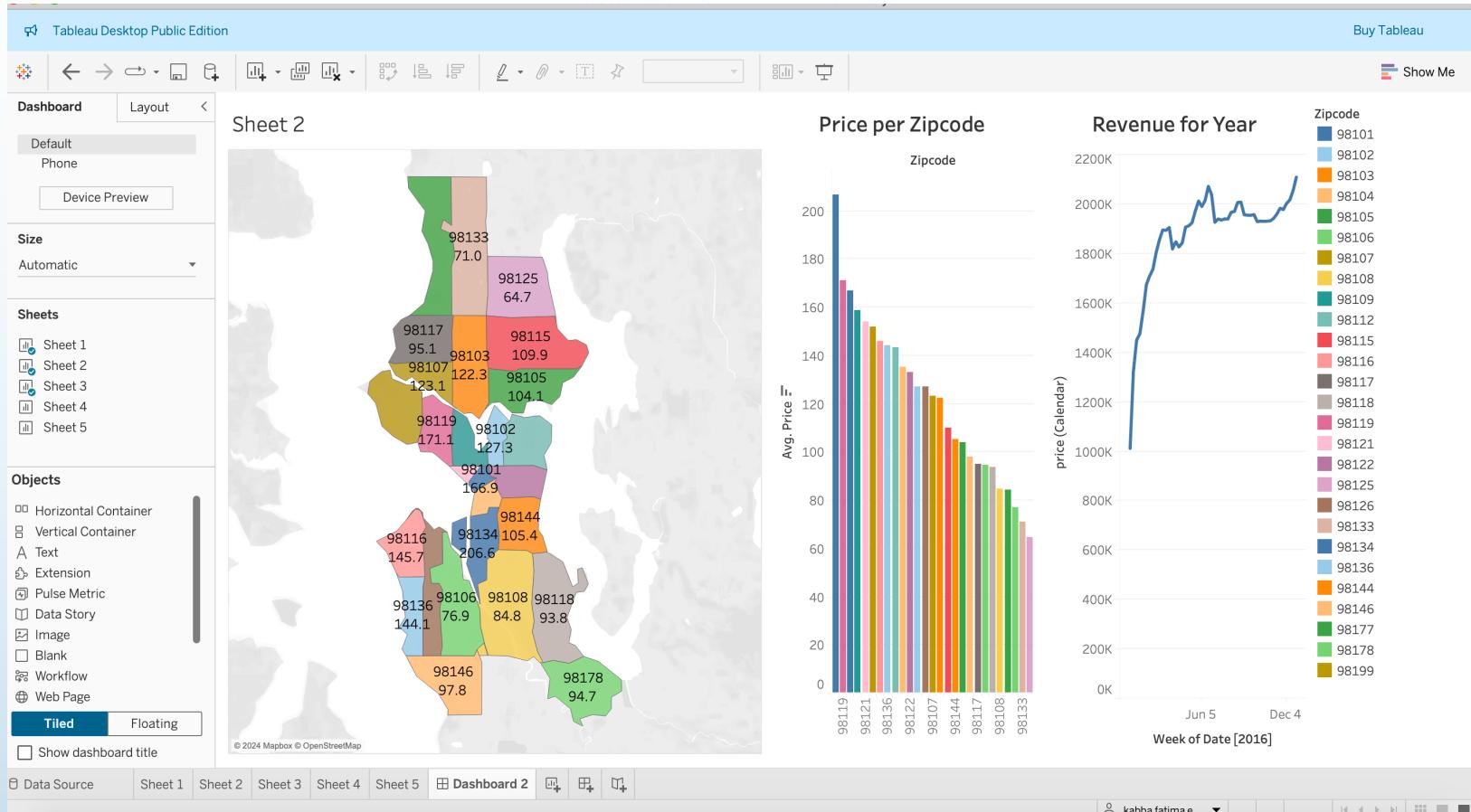
Dragging the first sheet into the dashboard



Dragging the second sheet into the dashboard



Drag-and-Drop Sheets into a Tableau Dashboard



Add a caption

Tableau Desktop Public Edition

Dashboard Layout <

Default Phone Device Preview

Size Automatic

Sheets

- Sheet 1
- Price per Zip code
- Sheet 3
- Sheet 4
- Sheet 5

Objects

- Horizontal Container
- Vertical Container
- Text
- Extension
- Pulse Metric
- Data Story
- Image
- Blank
- Workflow
- Web Page

Tiled Floating Show dashboard title

Avg Price Per Bedroom

Bedrooms

Avg. Price

96.2 175.4 249.7 315.4 450.0 584.8

1 2 3 4 5 6

Price Per Zipcoode

Zipcode

Avg. Price

98133 71.0 98103 122.3 98101 166.9 98106 98118 76.9 93.8

98119 98109 98199 98136 98104 98102 98107 98115 98105 98117 98118 98177 98133

98101 98102 98103 98104 98105 98106 98107 98108 98109 98110 98111 98112 98113 98114 98115 98116 98117 98118 98119

Revenue

price (calendar)

Mar 6 May 29 Aug 21 Nov 13

Week of Date [2016]

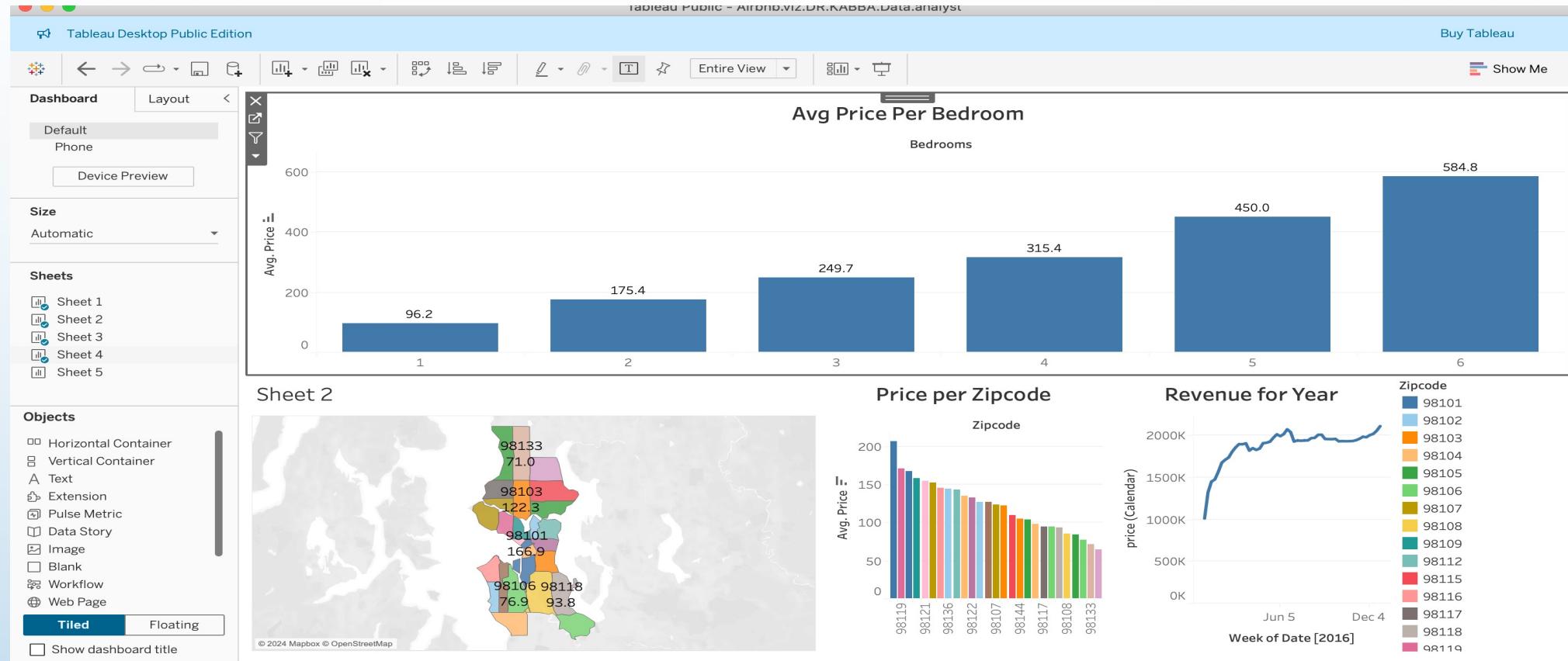
Distinct count of Bedroom

- Title
- Caption
- Accessibility
- Legends
- Filters
- Highlighters
- Show Page Control
- View Toolbar
- Use as Filter
- Ignore Actions
- Add Show/Hide Button
- Floating
- Select Container: Tiled
- Deselect
- Remove from Dashboard
- Rename Dashboard Item...

Data Source Sheet 1 Price per Zip code Sheet 3 Sheet 4 Sheet 5 Dashboard 2

6 marks 6 rows by 1 column SUM of CNTD(Id): 2,580 kabba fatima e...

Drag-and-Drop Sheets into a Tableau Dashboard



The Airbnb Dashboard By Dr.Kabba

Avg Price Per Bedroom

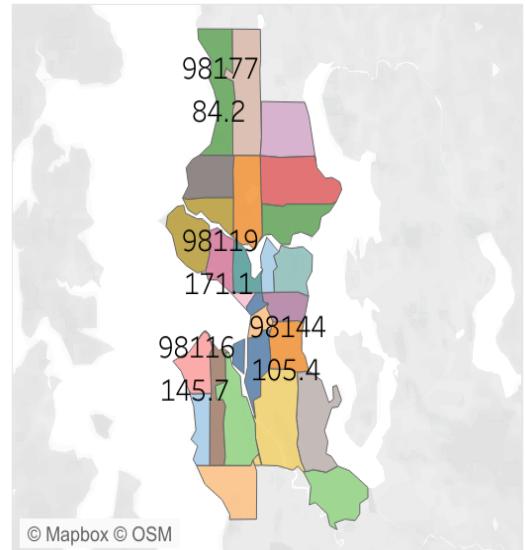


Distinct count of Bedroom Listings

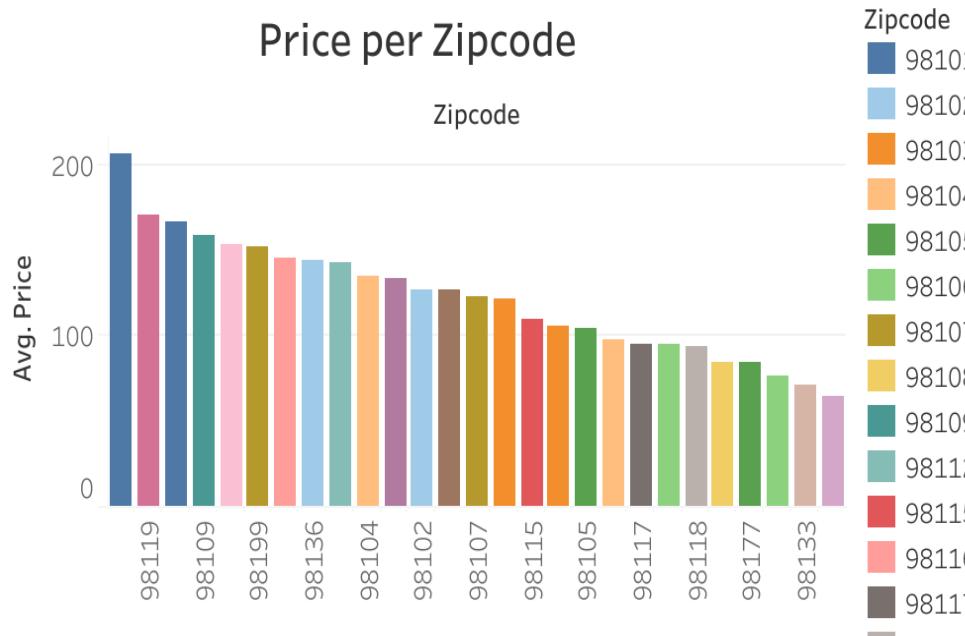
Bedrooms	Count
1	1,811
2	483
3	206
4	55
5	20
6	5

Distinct count of Id broken down by Bedrooms. The view is filtered on Bedrooms, which excludes Null and 0.

Price Per Zipcoode



Price per Zipcode



Revenue for Year

