

Exercise

Building Maps with Tableau

Summary

1. Module: Data Visualization¹
2. Lesson: Dashboards
3. Sub-topic: Building Dashboards Using Tableau
4. Objective: Introduction to building an interactive dashboard with Tableau
5. Time Allotment: 120 minutes

Steps

Making a Map1

Connect to Data Source : [Establishment of community forest project B.E.2543-Recent](#)

Establishment of community forest project B.E.254...

Filters
0 | Add

Establishment of commu...



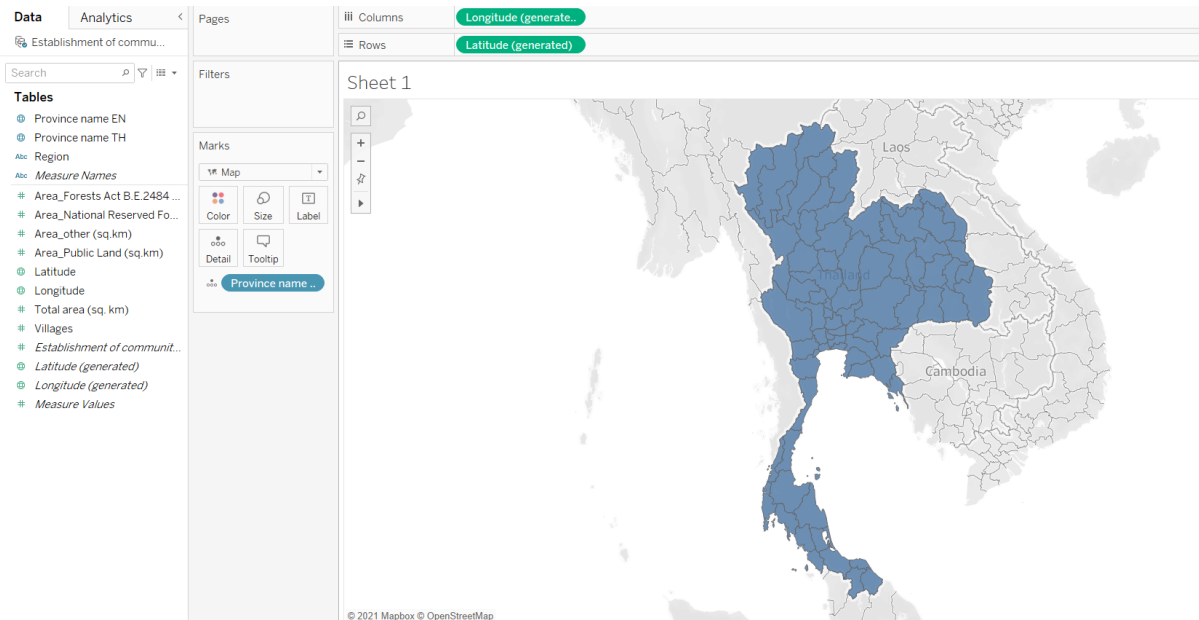
Need more data?

Drag tables here to relate them. [Learn more](#)

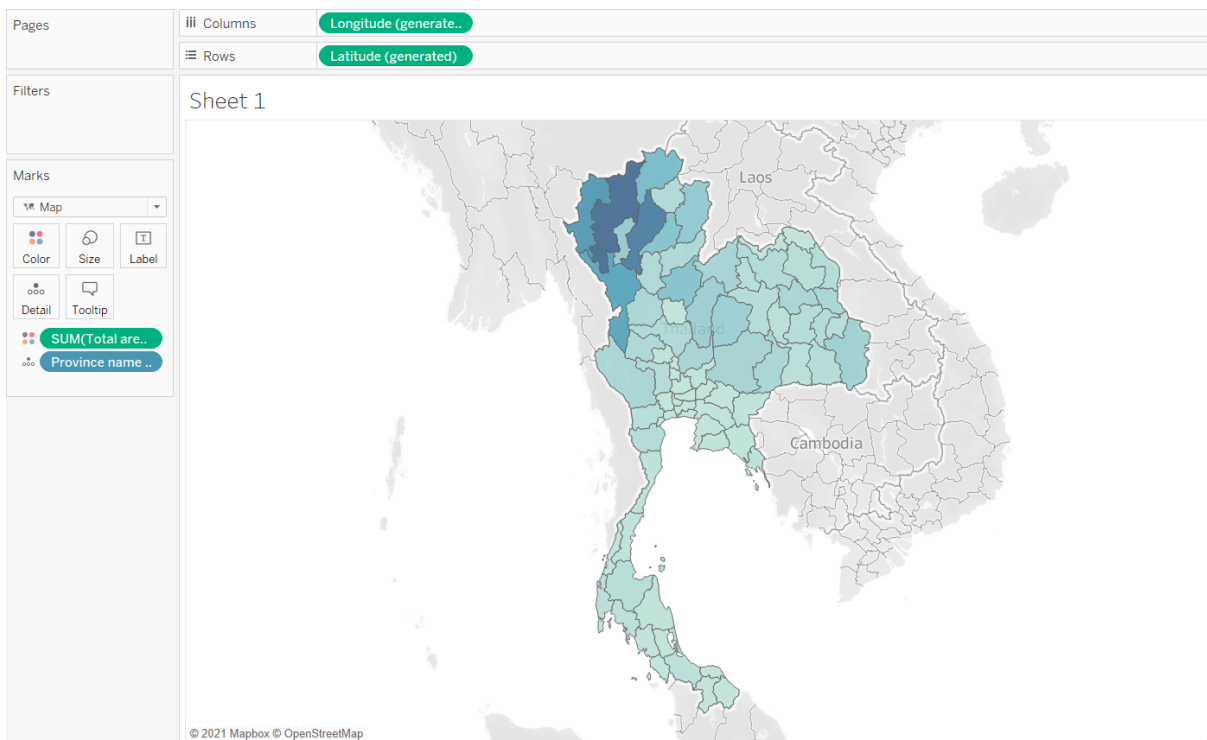
Latitude	Longitude	Province nam...	Province nam...	Region	Villages	Area_National...	Area_Forests ...	Area_Public L...	Area_other (s...	Total area (sq...
19.3007	97.96492	Mae Hong Son	แม่ฮ่องสอน	North	230	910.50	2.2000	0.0000	1.0000	912.80
18.7909	98.98805	Chiang Mai	เชียงใหม่	North	601	1,349.00	21.0000	0.0000	0.0000	1,370.00
19.7321	99.88474	Chiang Rai	เชียงใหม่	North	515	462.70	42.6000	15.2000	2.9000	520.40
18.7838	100.77899	Nan	น่าน	North	323	298.00	42.7000	6.7000	0.0000	347.30
18.2661	98.96749	Lamphun	ลำพูน	North	252	284.80	32.3000	0.0000	0.0000	317.00
18.6800	99.73325	Lampang	ลำปาง	North	453	1,158.00	6.4000	0.0000	0.0000	1,164.40
18.2931	100.08868	Phrae	แพร่	North	407	411.90	13.0000	0.0000	1.9000	424.90
6.3345	101.14097	Uttaradit	อุตรดิตถ์	North	161	118.40	27.1000	0.0000	0.0000	145.50
19.3417	100.18545	Phayao	พะเยา	North	257	114.60	11.6000	0.0000	5.2000	126.20
16.8697	99.12898	Tak	ตาก	West	447	685.80	70.2000	14.4000	1.2000	770.40
13.0693	99.60444	Phetchaburi	เพชรบุรี	West	107	91.80	22.5000	0.0000	1.0000	114.20

¹ This lesson was adapted from the World Bank's Introduction to Data Literacy training manual by Eva Constantaras, and adapted by Yan Naung Oak, Open Development Cambodia and Open Development Initiative, and is licensed under a [Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License](#). For full terms of use, see [here](#).

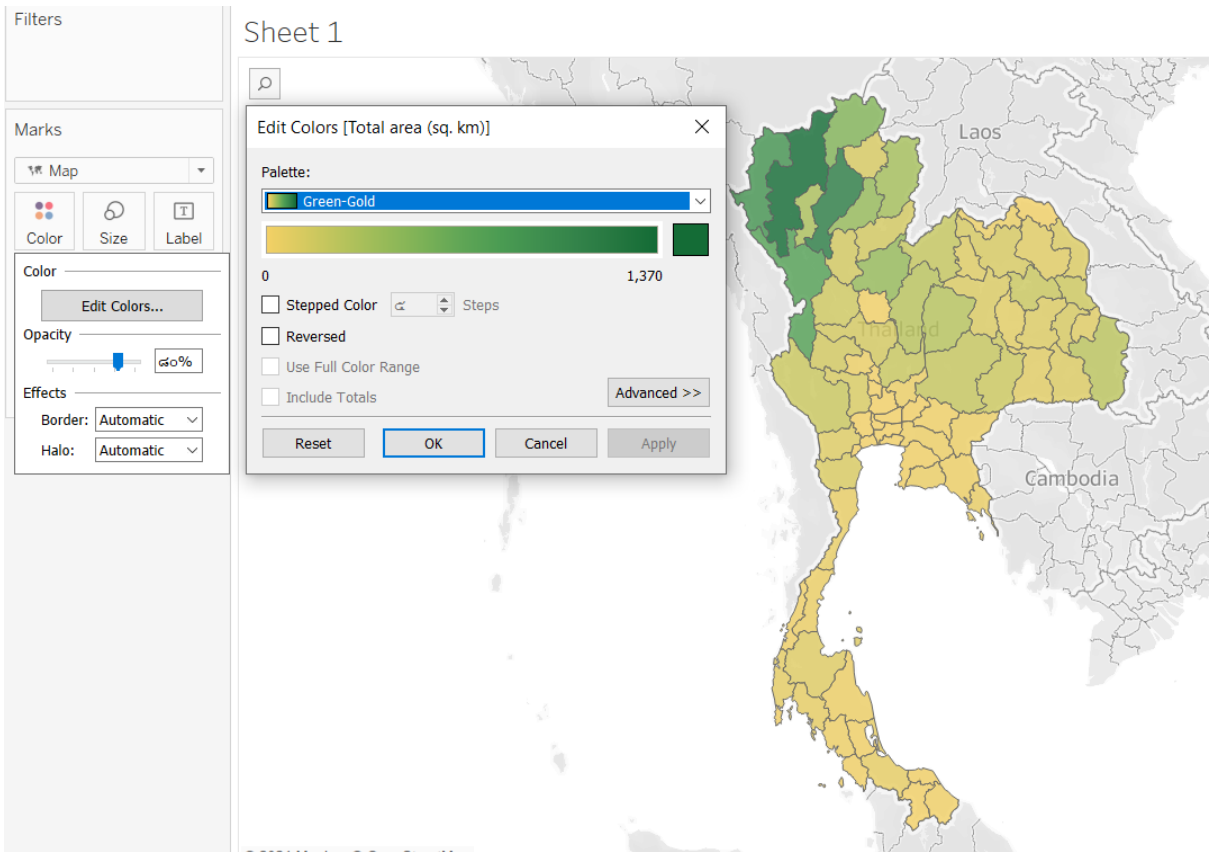
- Go to Sheet1 to create a map.
- Drag “Province name” to the center of the drop filed.



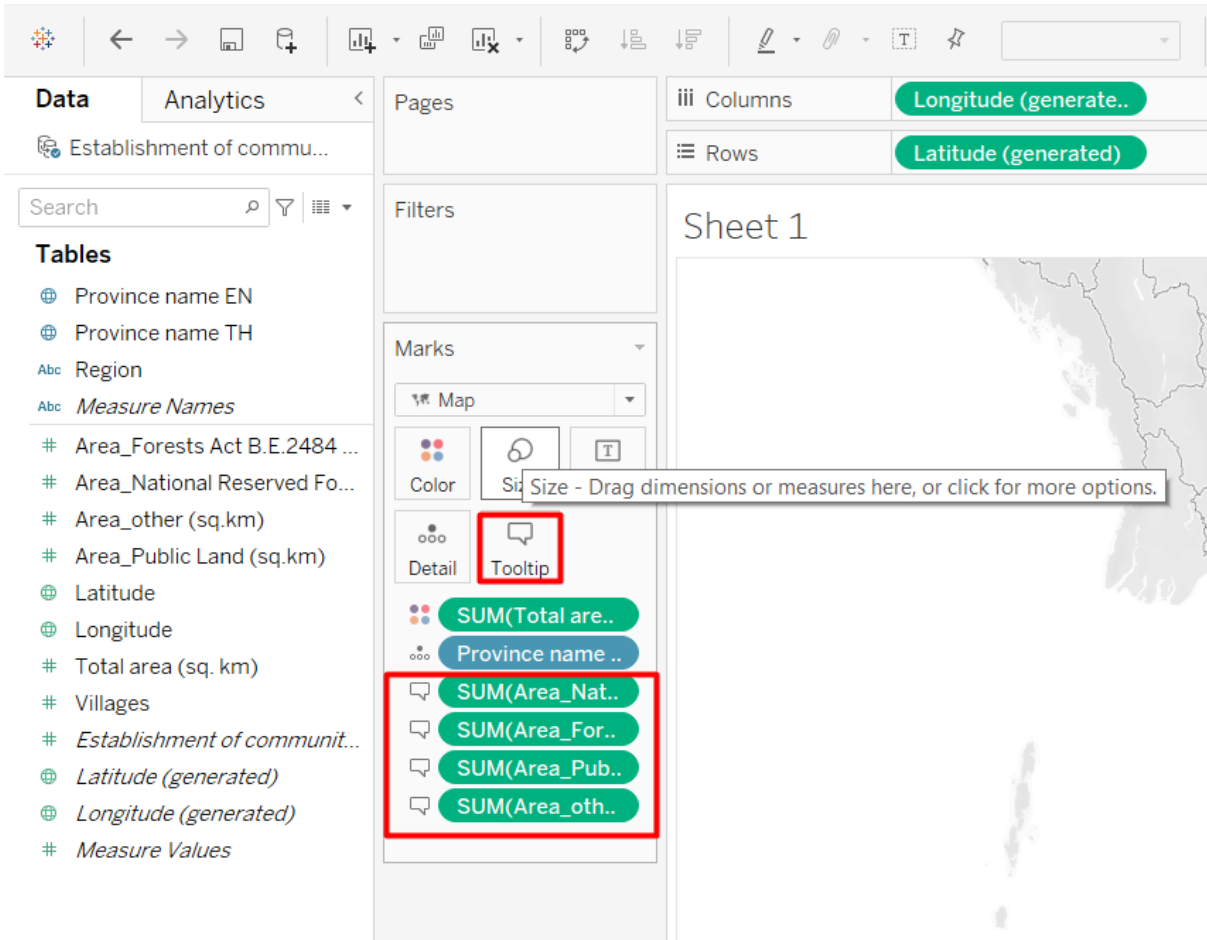
- Next, drag “Total Area (sq.km) to the Color box.



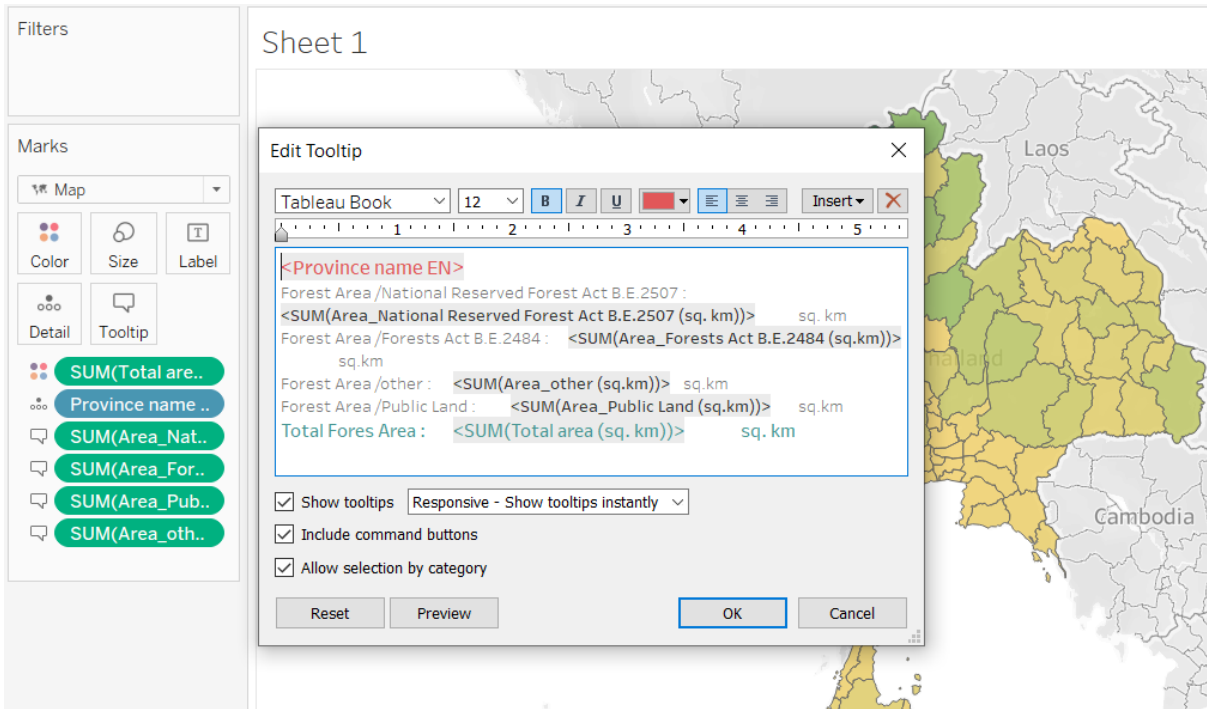
- Edit color at color box

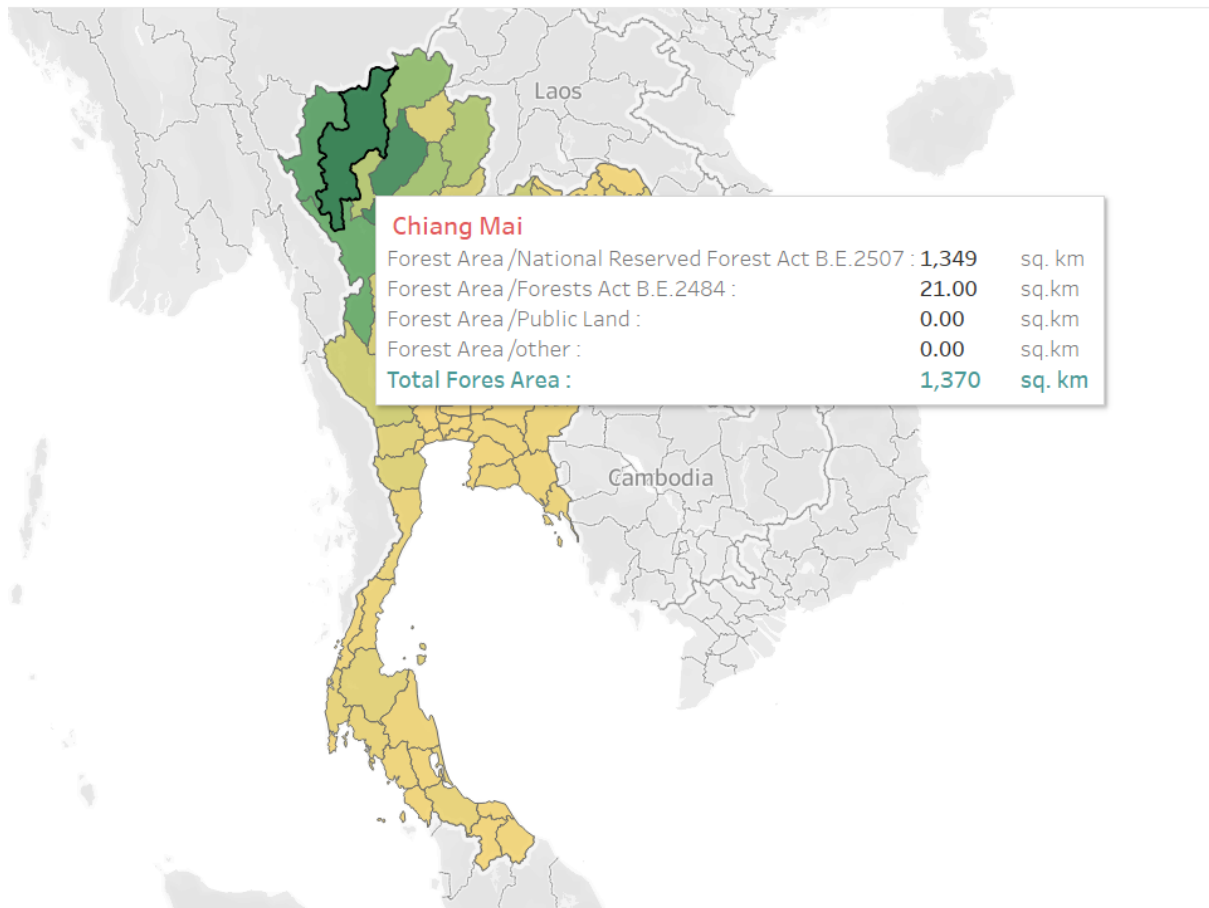


- Drag the 4 Area types of forest to Tooltip box for more information.



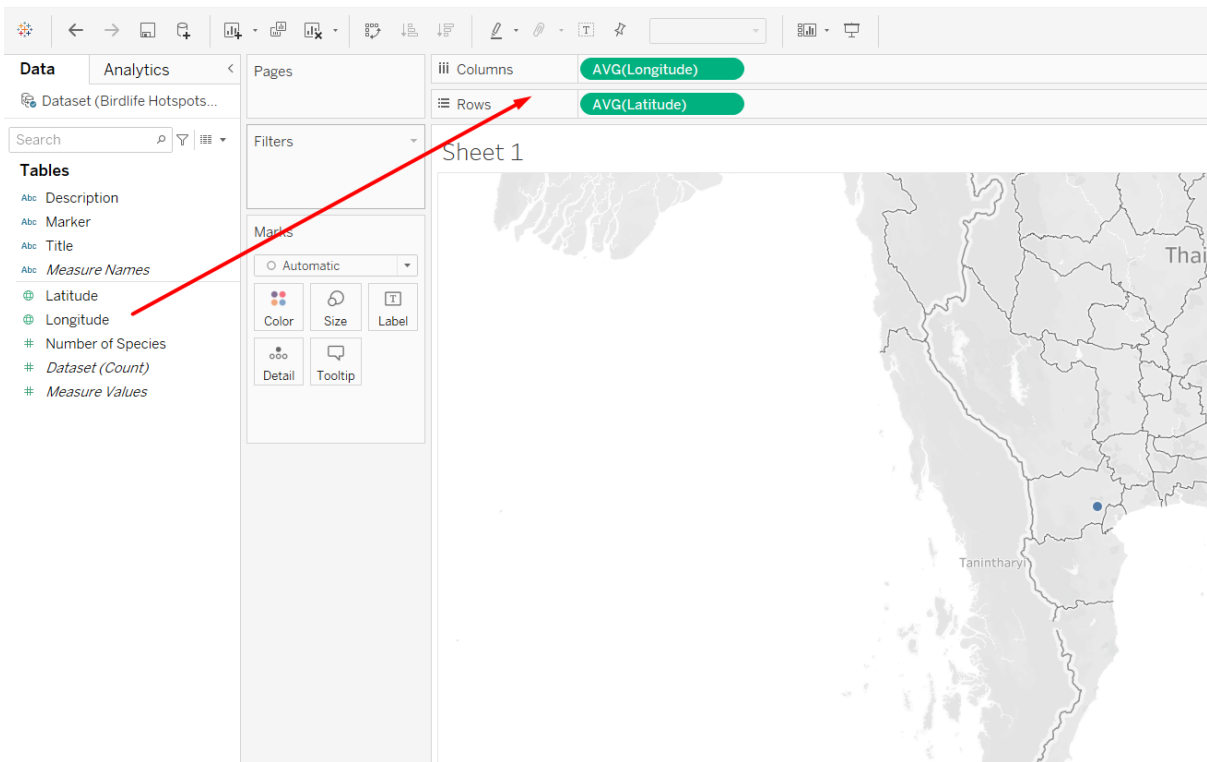
- Edit Tooltip



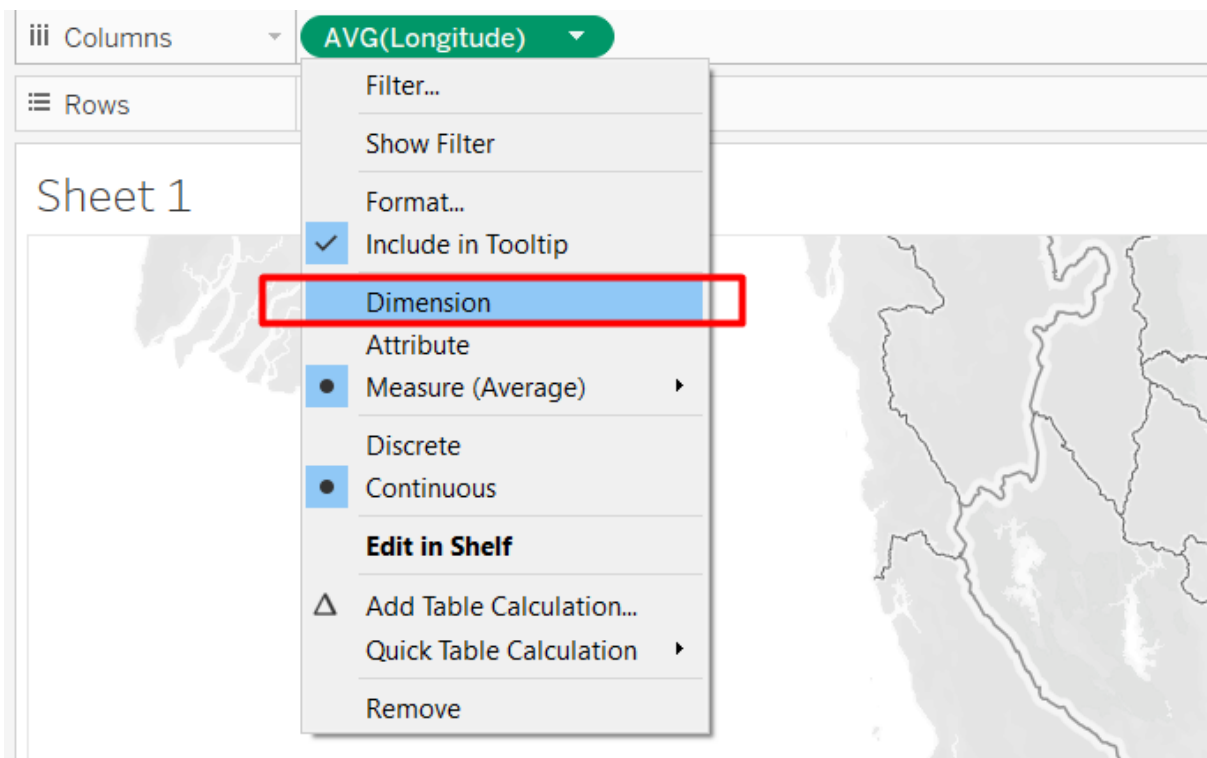


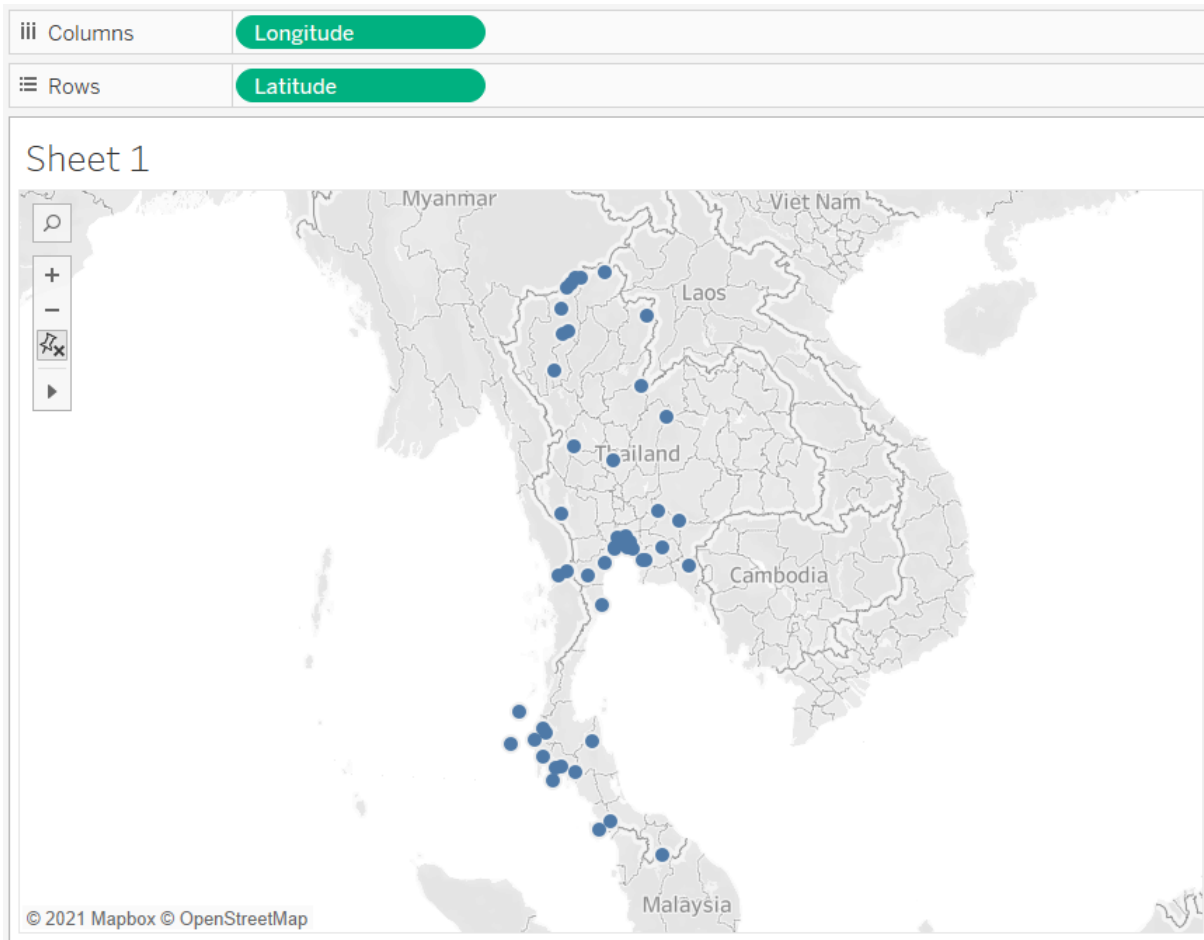
Making a Map2

- Connect to Data Source : [Birdlife Hotspots Dataset \(Tableau Map Demo\)](#)
- Drag **“Latitude”** to Rows and **“Longitude”** to Columns

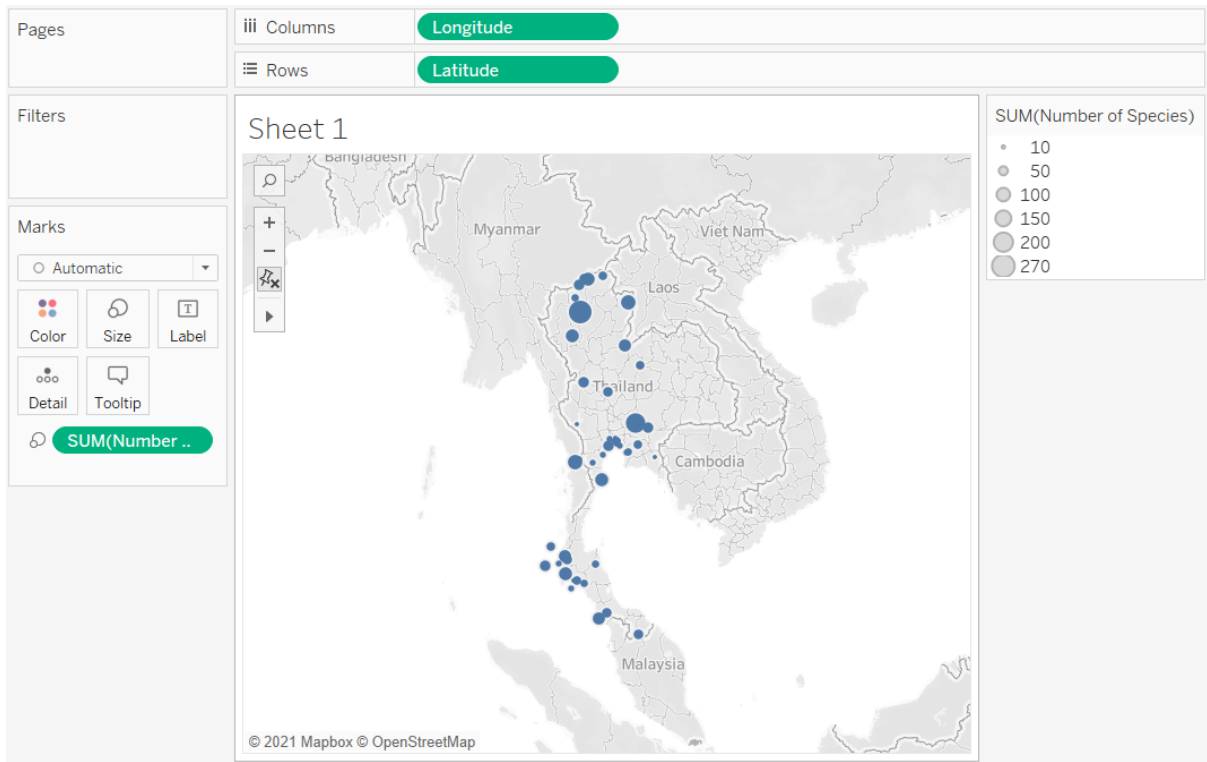


- Change from Measure to Dimension

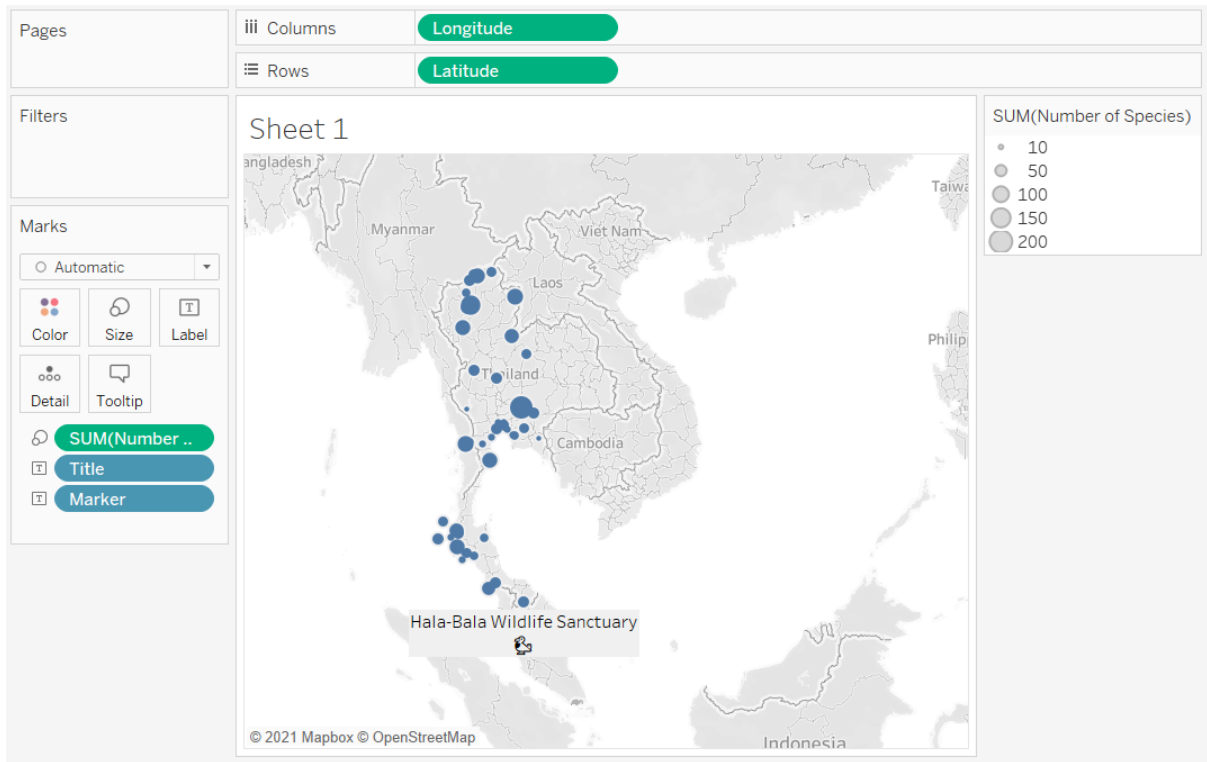




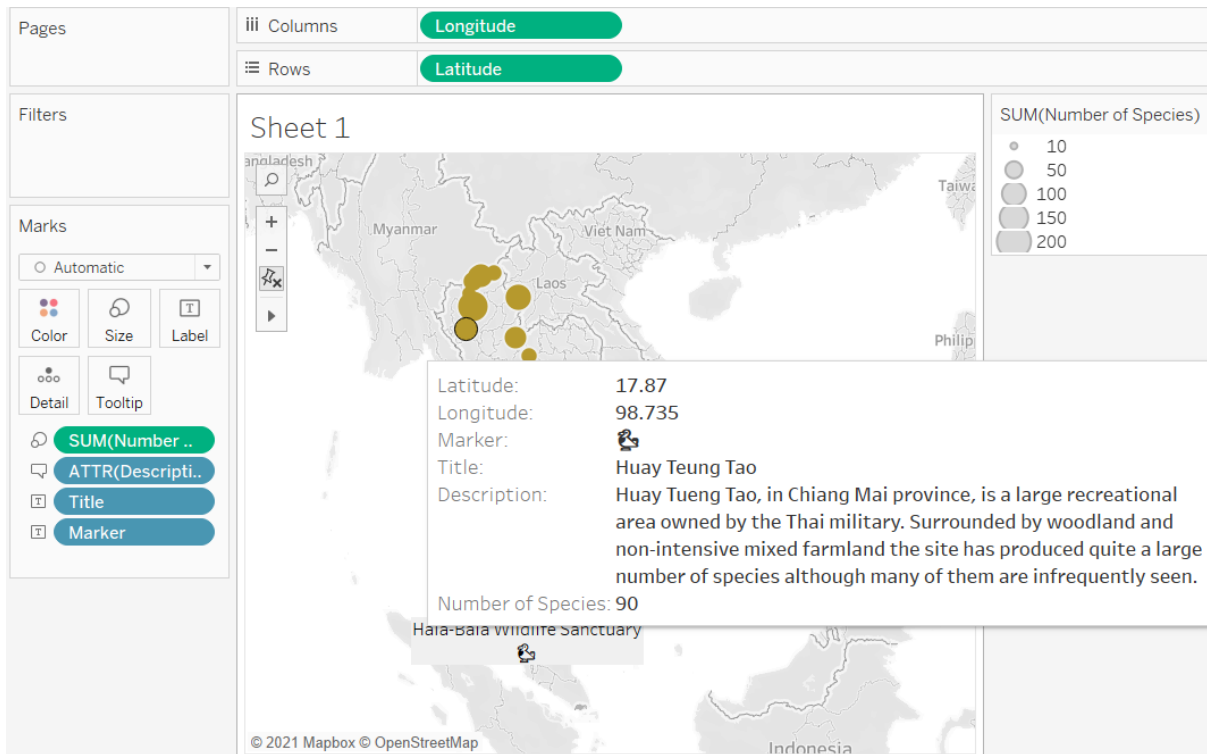
- Drag “Number of Species” to size box



- Drag "Marker" and "Title" to Label box

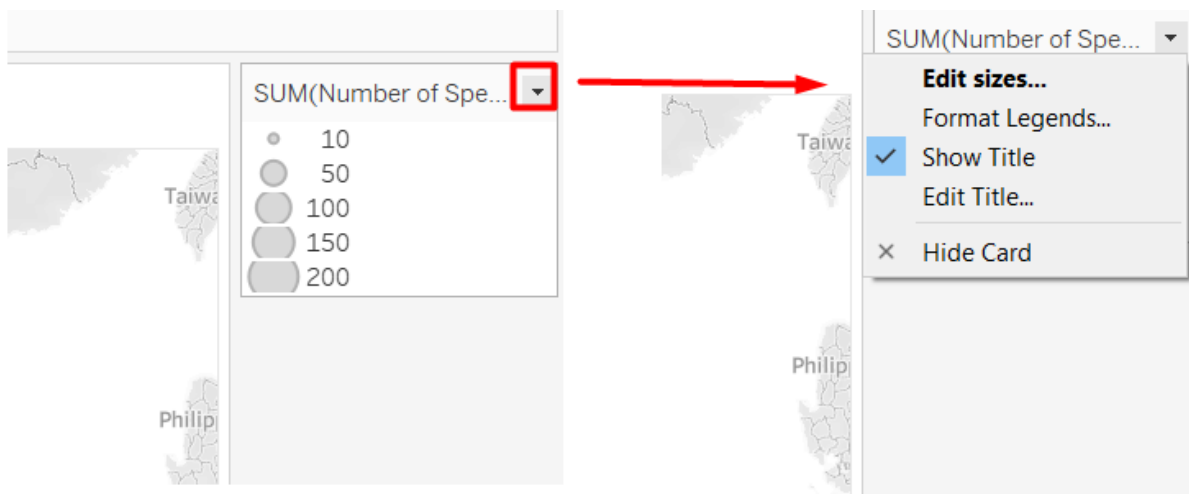


- Drag "Description" to Tooltip Box



- Edit Tooltip
- Edit Color

- Edit Legend → Size, Format, Title



Further Practice

Improve your dashboard's design

- Try to apply the tips that we covered in the Dashboard Design section to improve the design of your dashboard