

C: Overview of Tableau

Site providing interactive data visualizations on the web

Example applications:

Clean Energy Futures Data Explorer

<https://cleanenergyfutures.insightworks.com/>

Wayne County Flood Risk Map

<https://wilcoxen.maxwell.insightworks.com/pages/6855.html>

Key URLs:

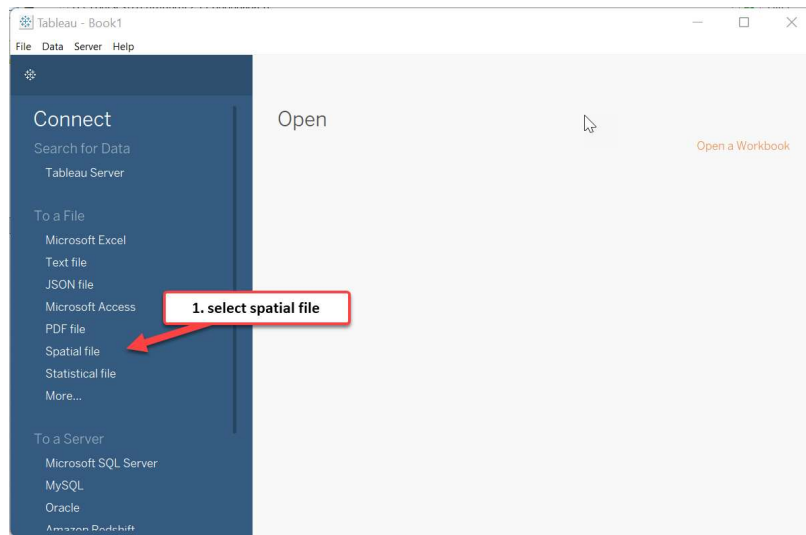
Main site: <https://www.tableau.com/>

Public site: <https://public.tableau.com/>

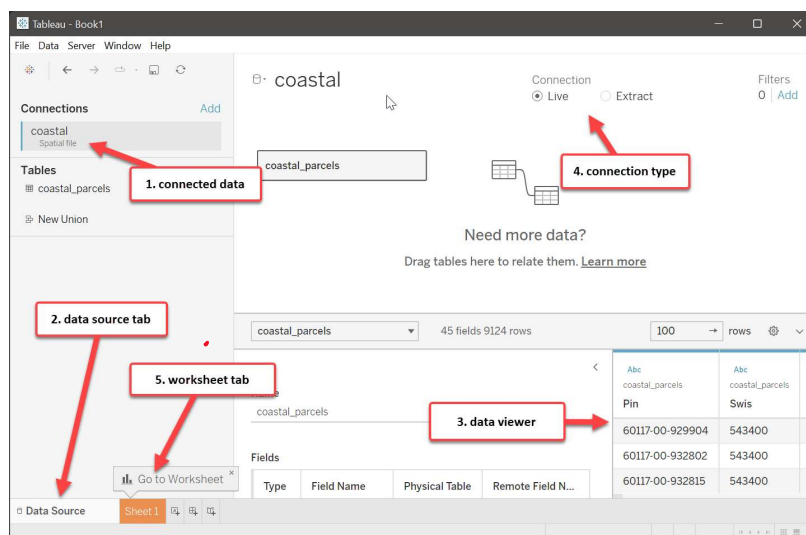
Desktop download: <https://www.tableau.com/academic/students>

Building a simple application: a stripped-down flood map

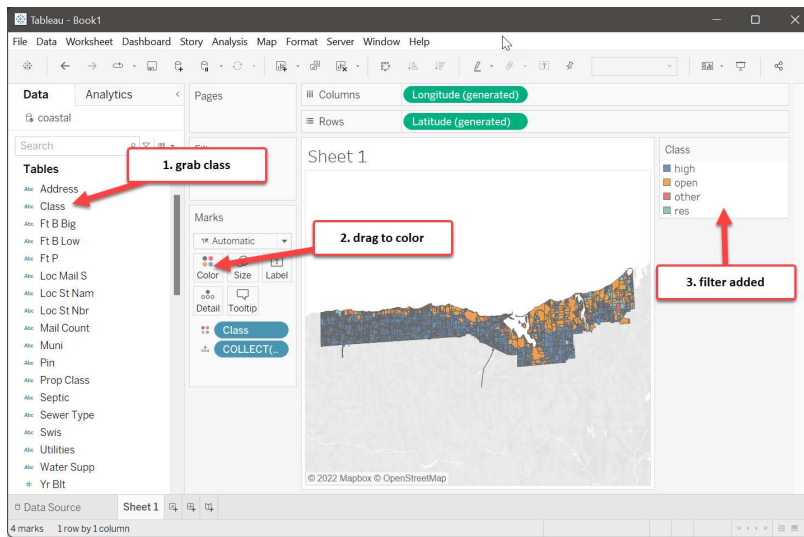
1. Launching Tableau Desktop:



2. Connecting to the data source:

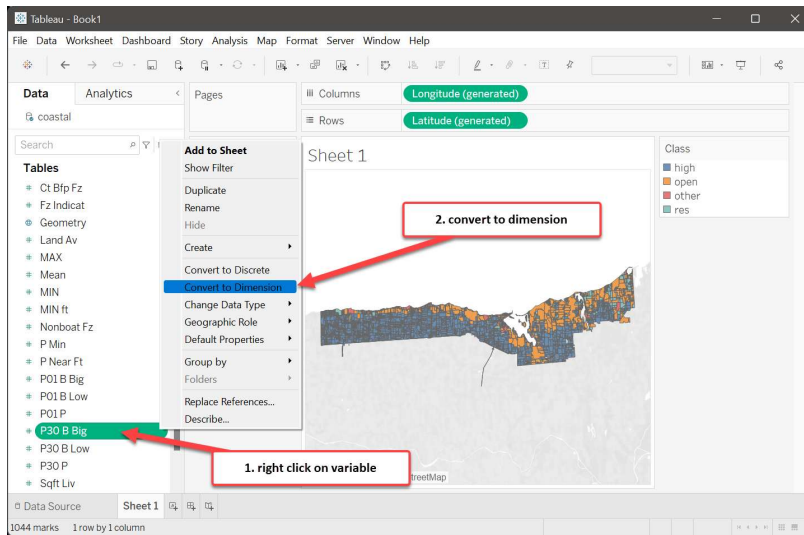


3. Opening a worksheet:



Adding a probability:

Step 1: switch classification to "dimension" (not for aggregation):



Dimensions:

Municipality

Address

Property class

...

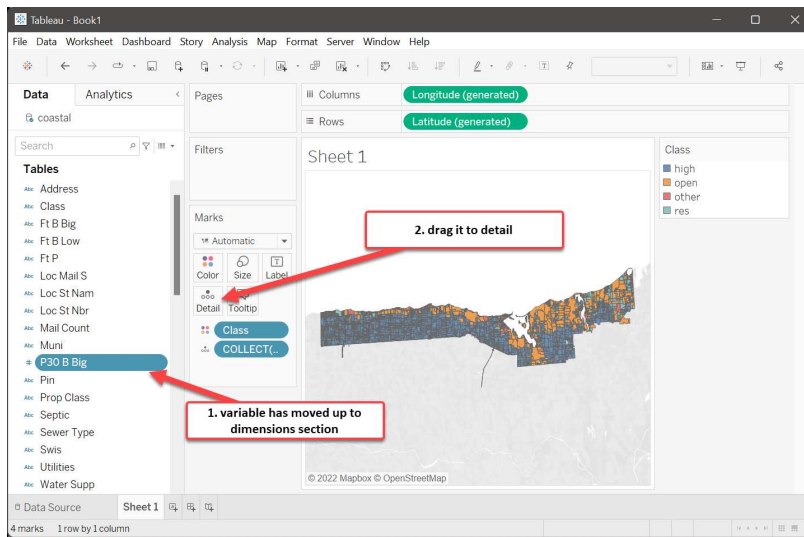
Measures:

Assessed value

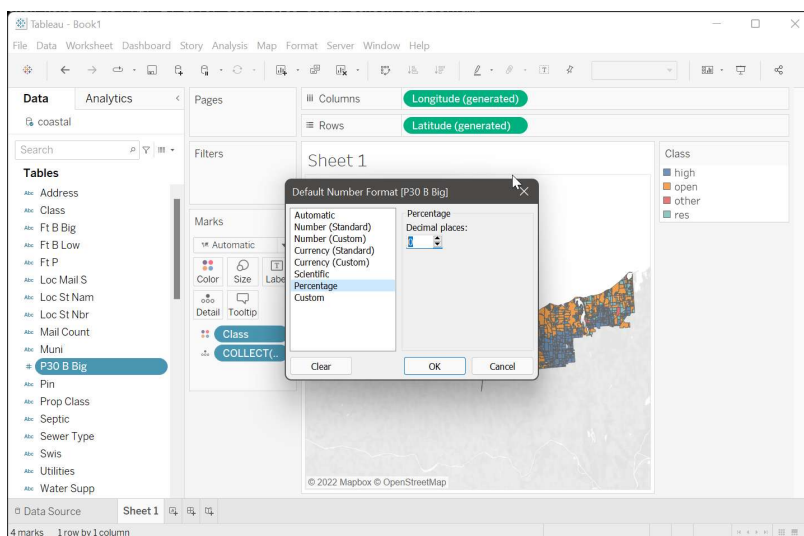
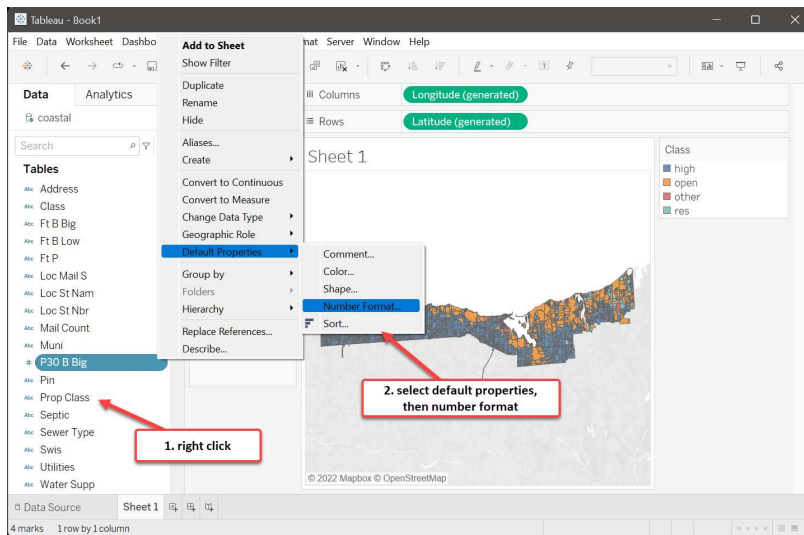
Land area

...

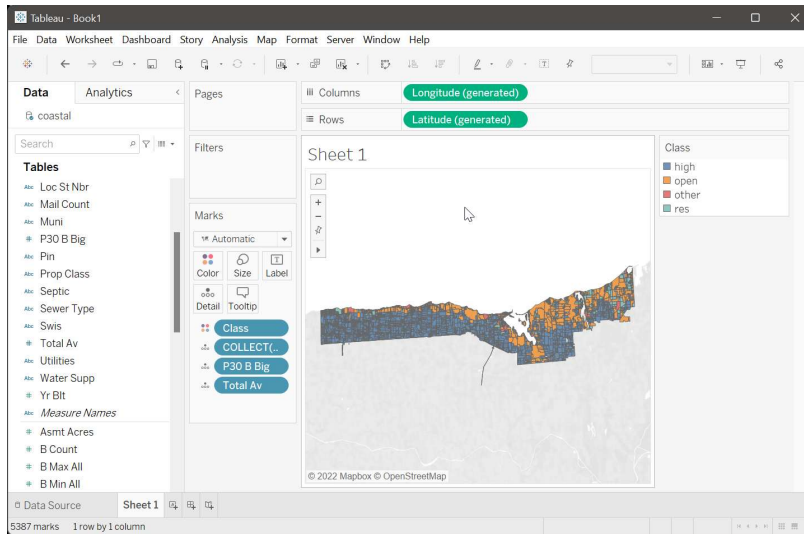
Step 2: drag to detail:



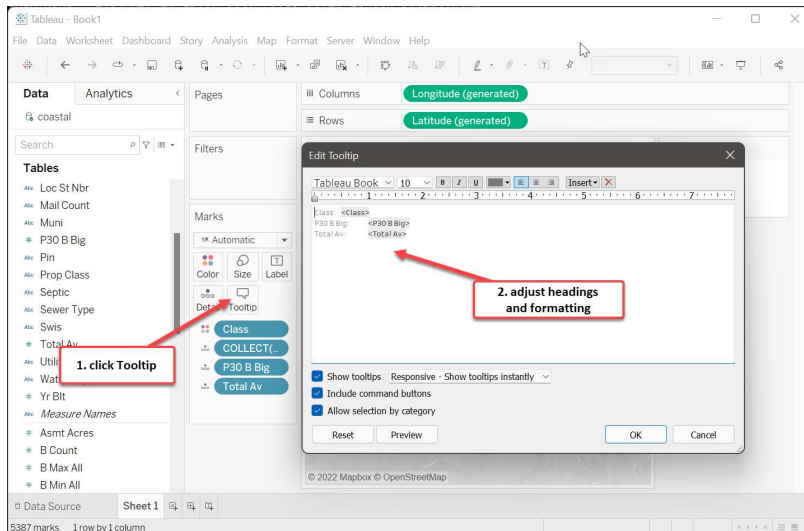
Adjusting a format:



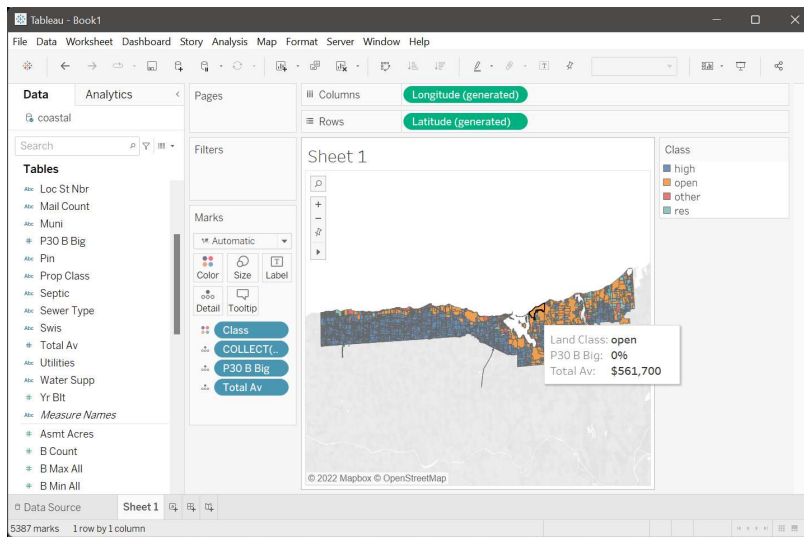
Convert Total Av to a dimension, adjust its format to currency and add it:



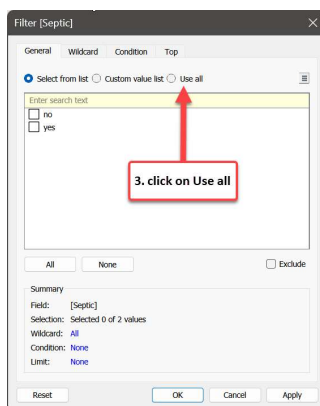
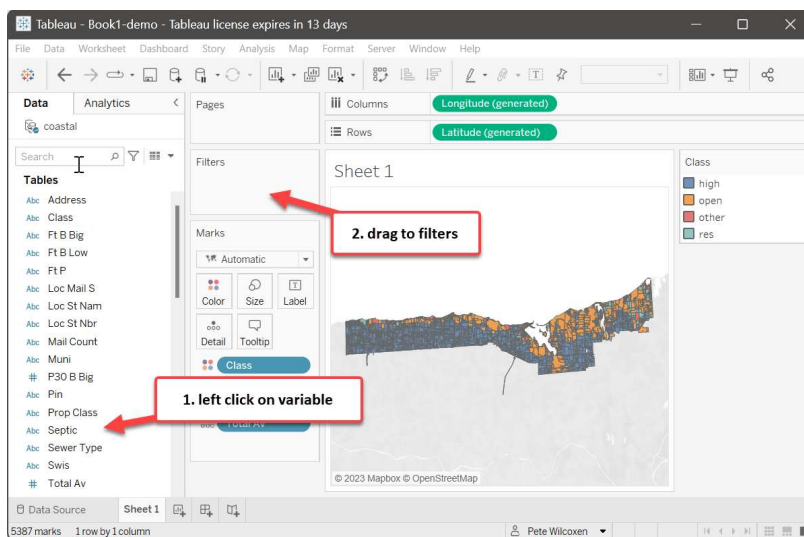
Click on the Tooltip button and adjust the tooltip:

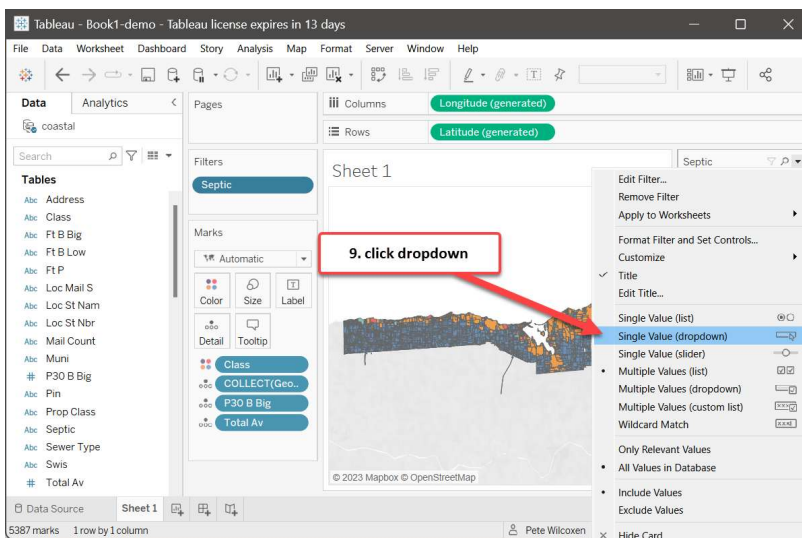
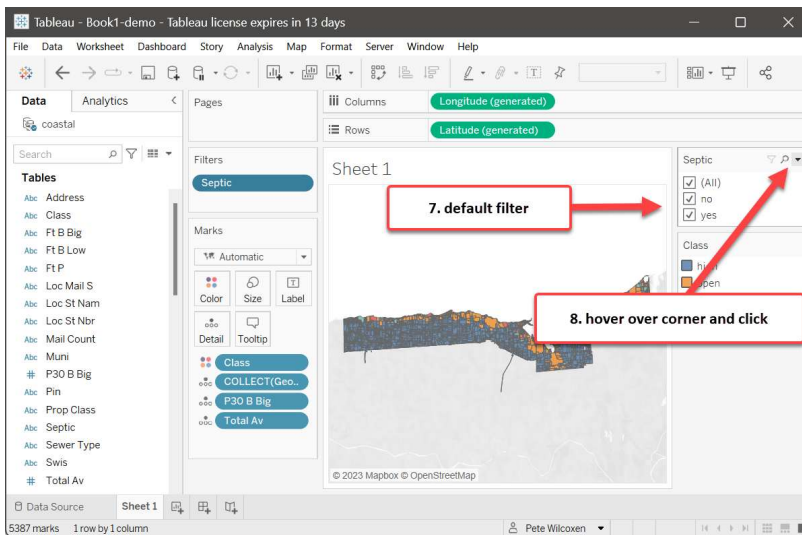
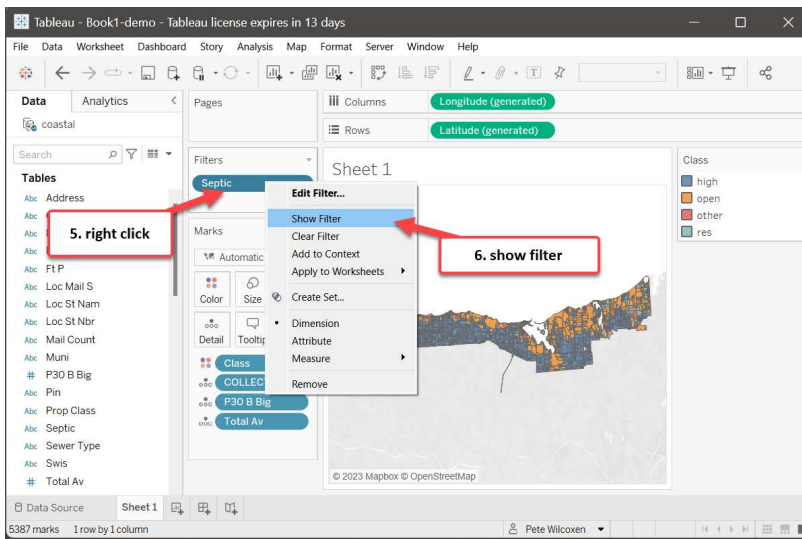


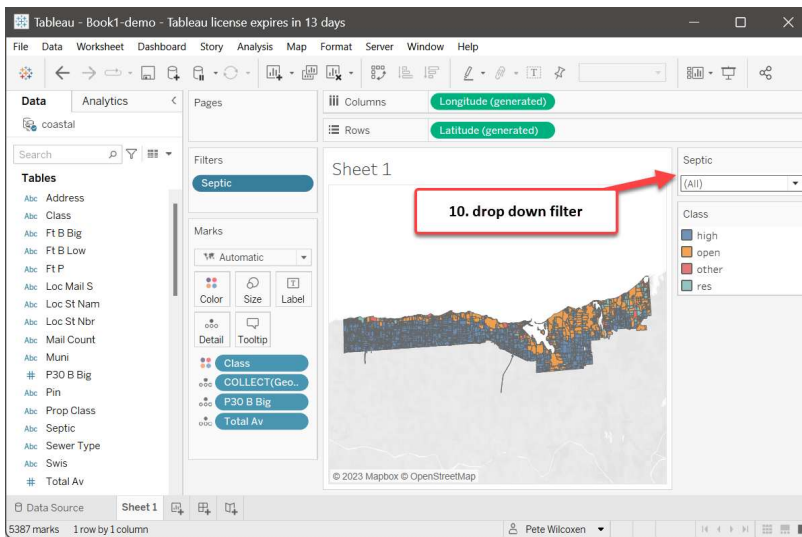
Updated Tooltip:



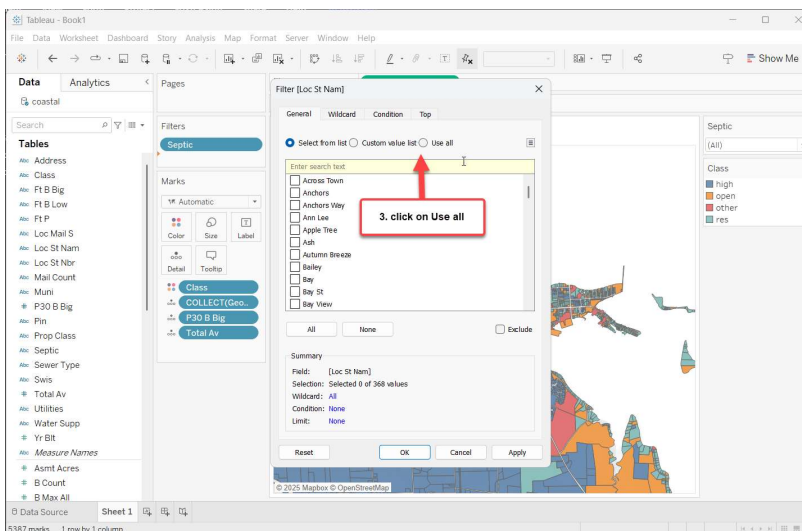
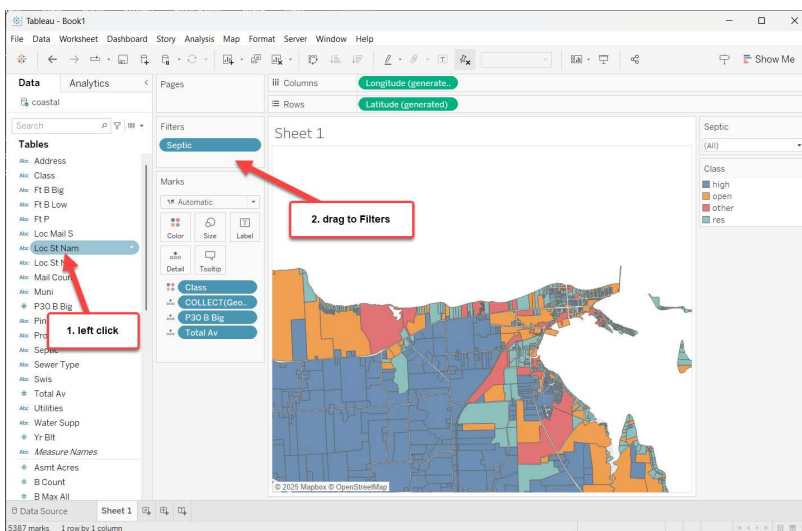
Adding a filter and customizing it:

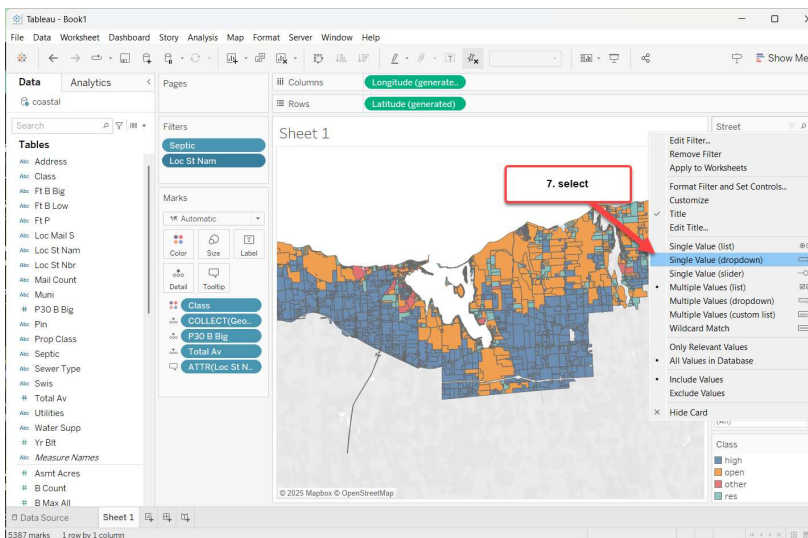
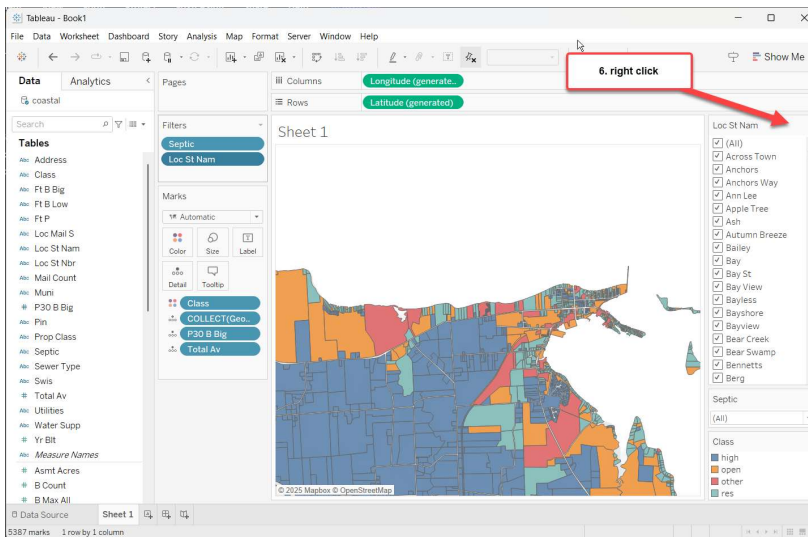
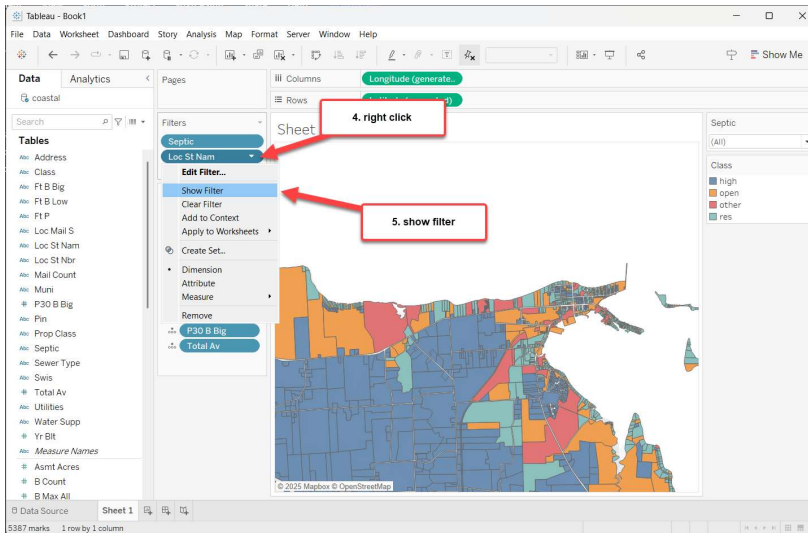


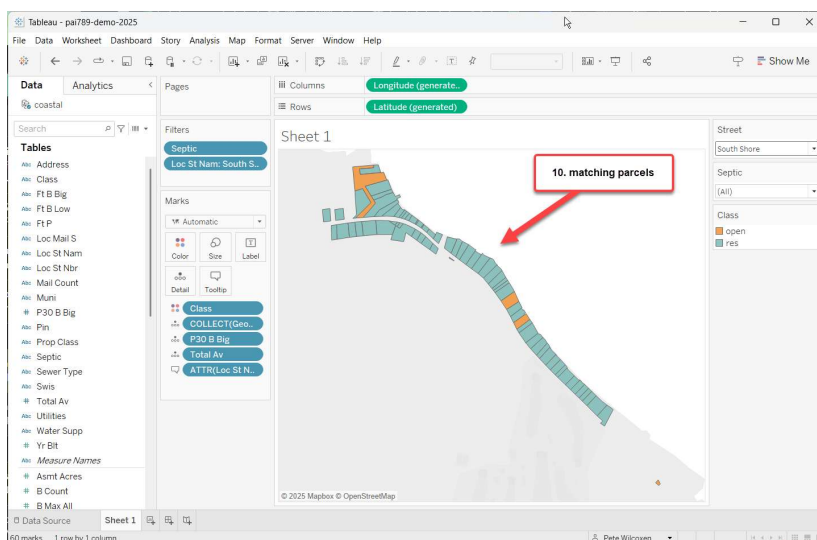
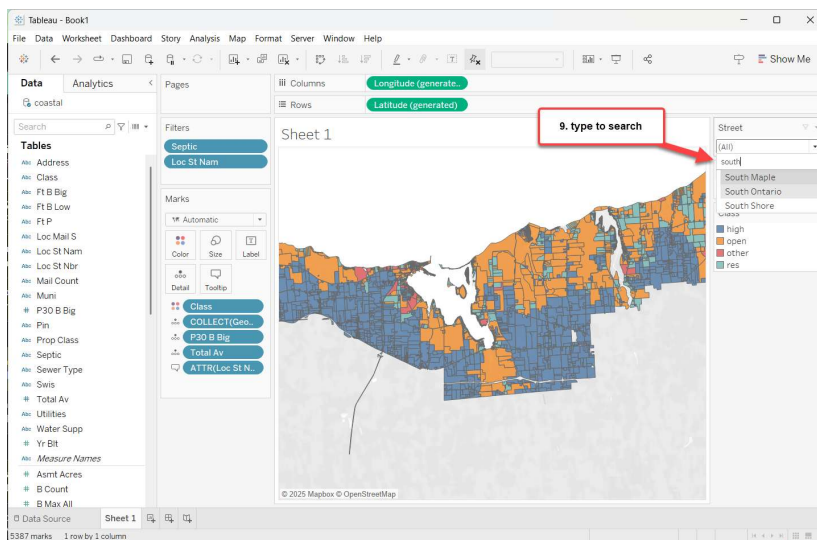
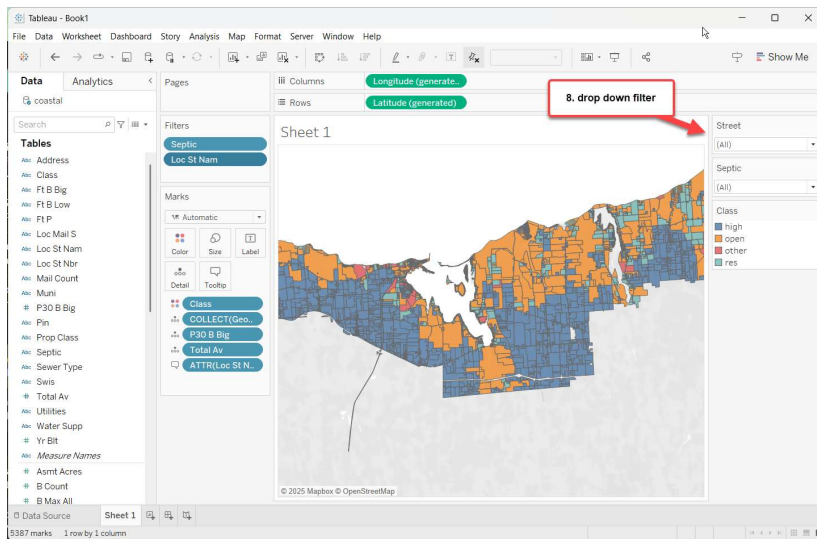




Adding a text search option:

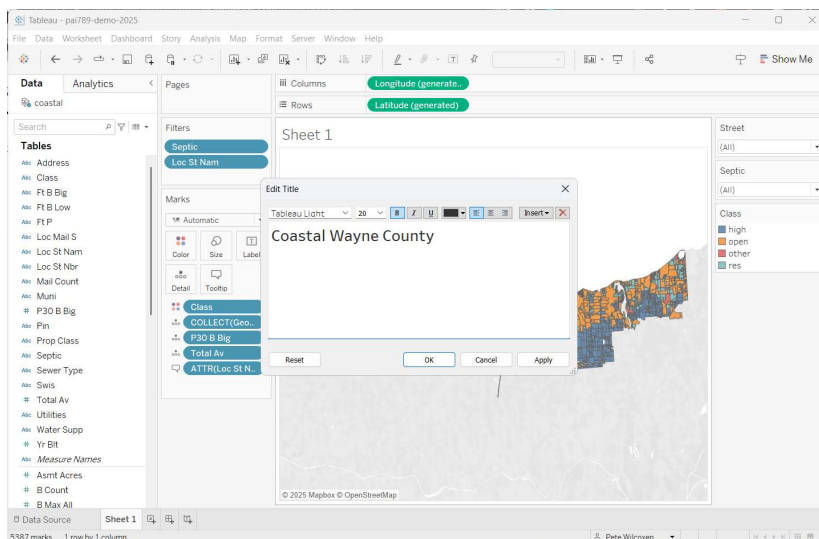
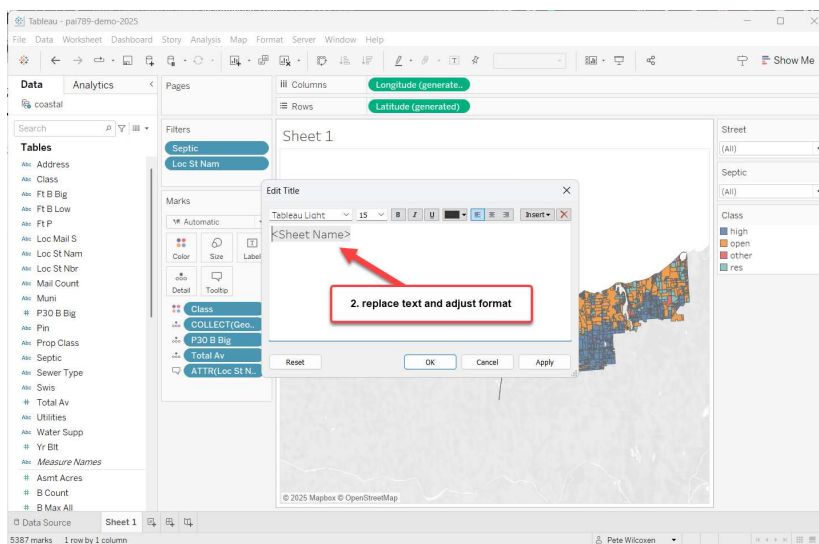
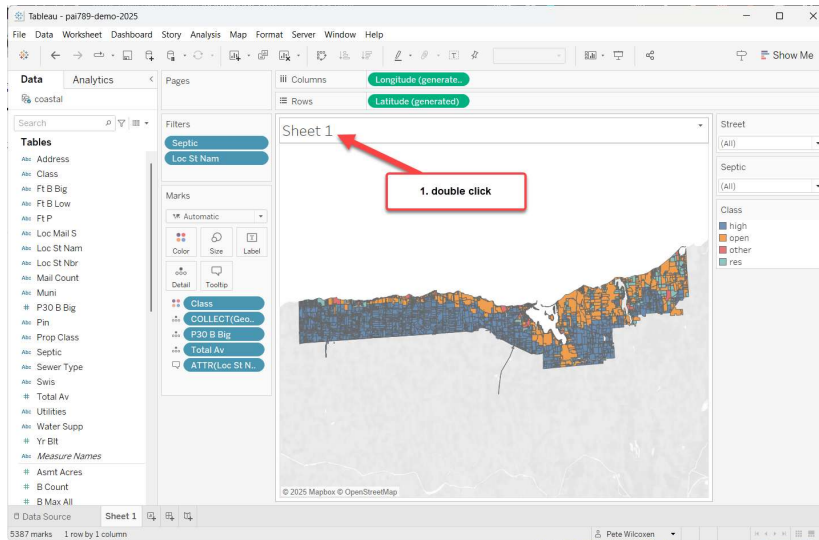


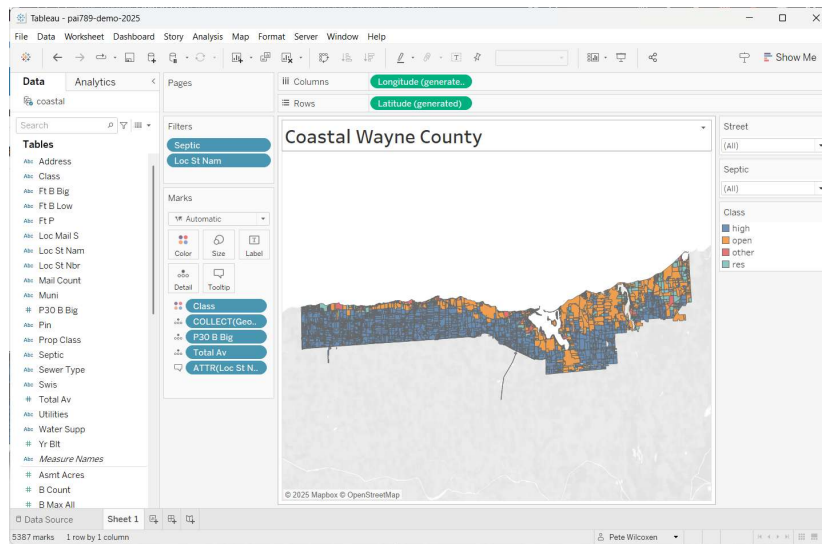




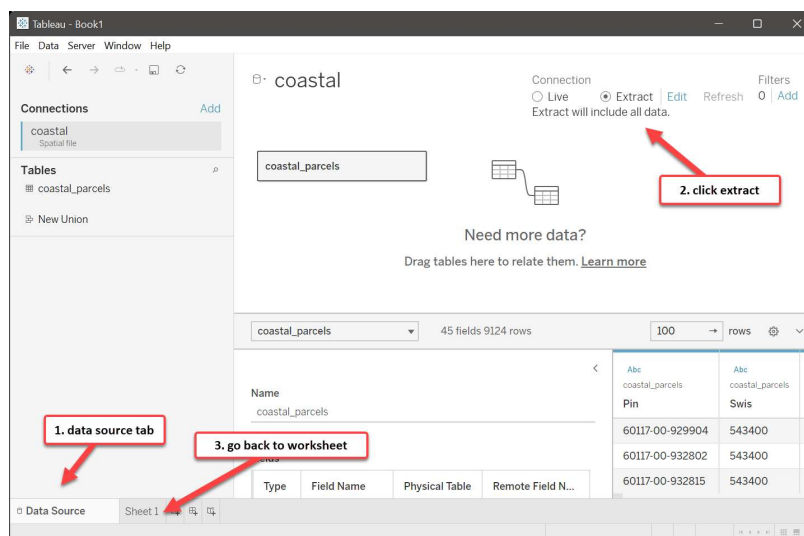
5. Preparing to publish:

Improving the sheet title:

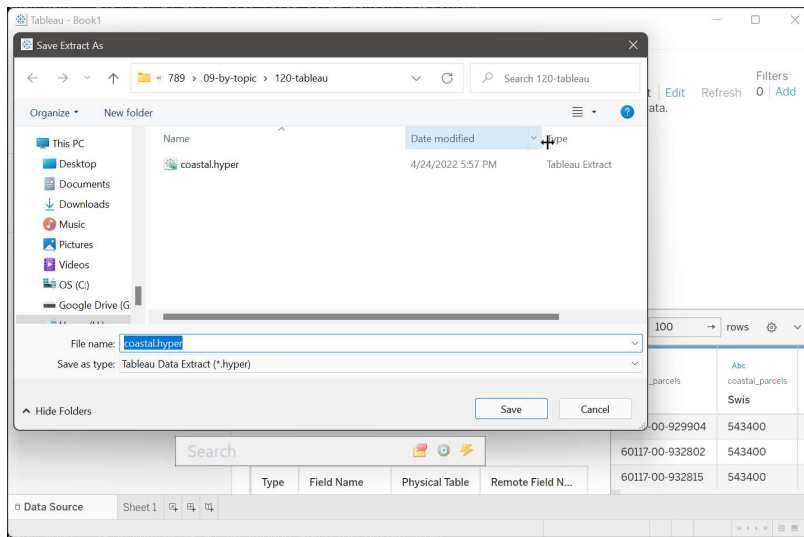




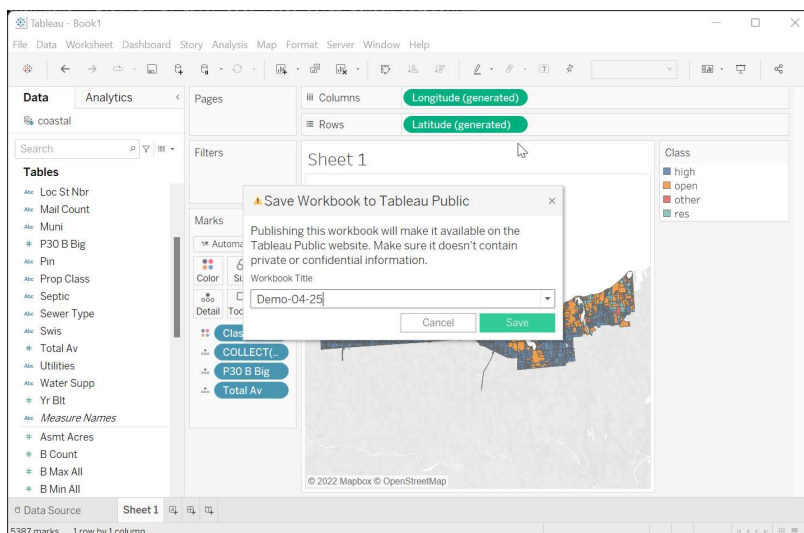
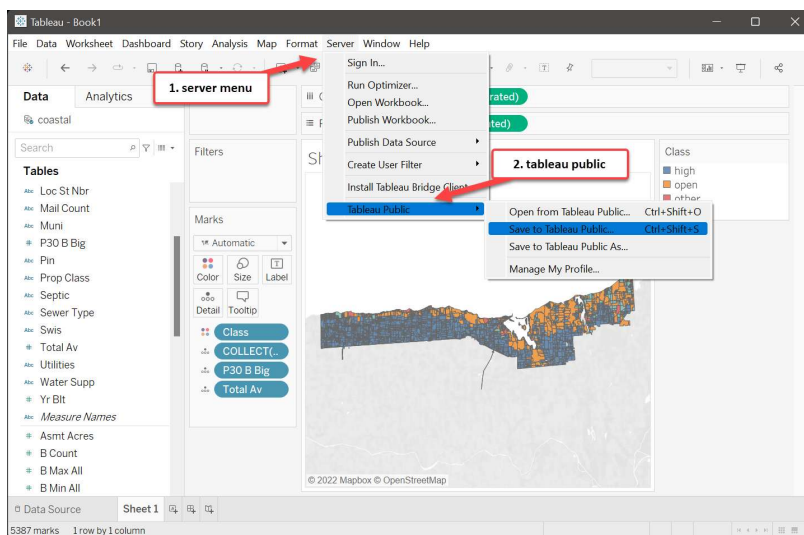
Building an extract of the data:



Saving it locally:



5. Saving to Tableau Public



6. Live version opens in a browser

