

CASCADING FILTERS

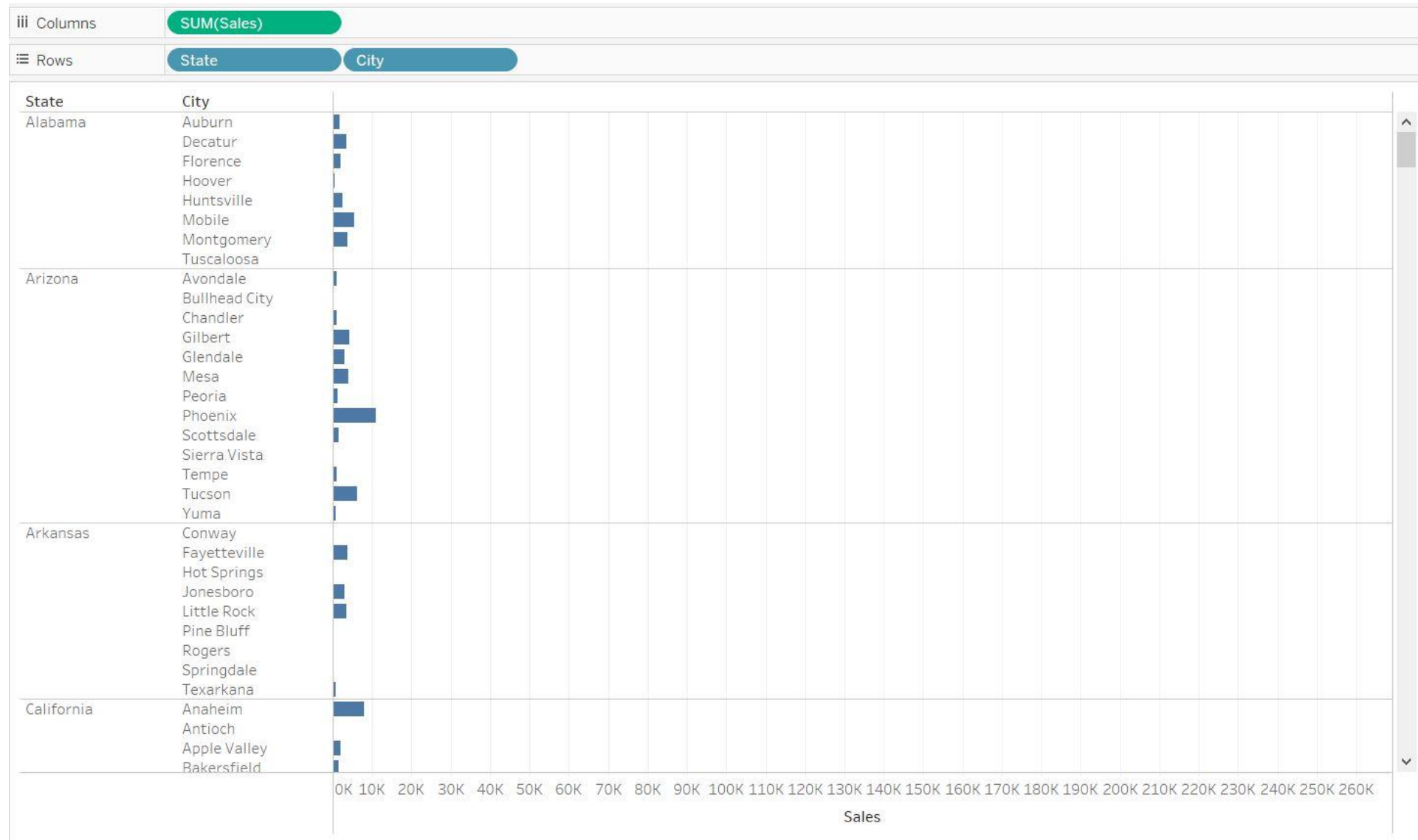
Cascading (or hierarchical) filters are ones where the selection on the first filter causes the second to be limited to only those values that are now relevant. This option is available for discrete filters in Tableau.

We need to make use of the "**Only Relevant Values**" option in the second filter.

Cascading is generally possible and practical for fields that can be made into a Hierarchy e.g: State & City, Category & Sub-Category.

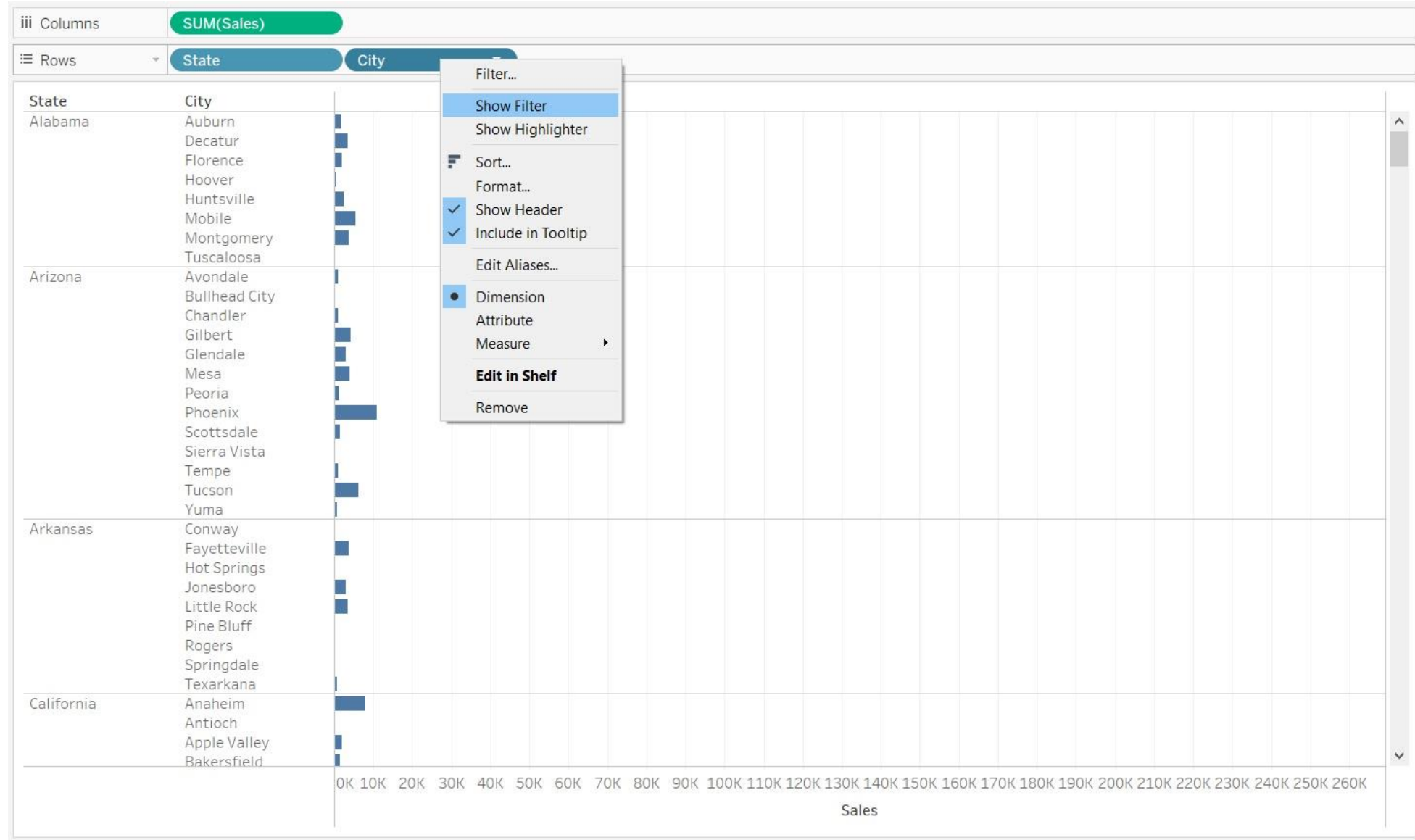
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Step 1: Let us assume that we have the below mentioned bar chart visual



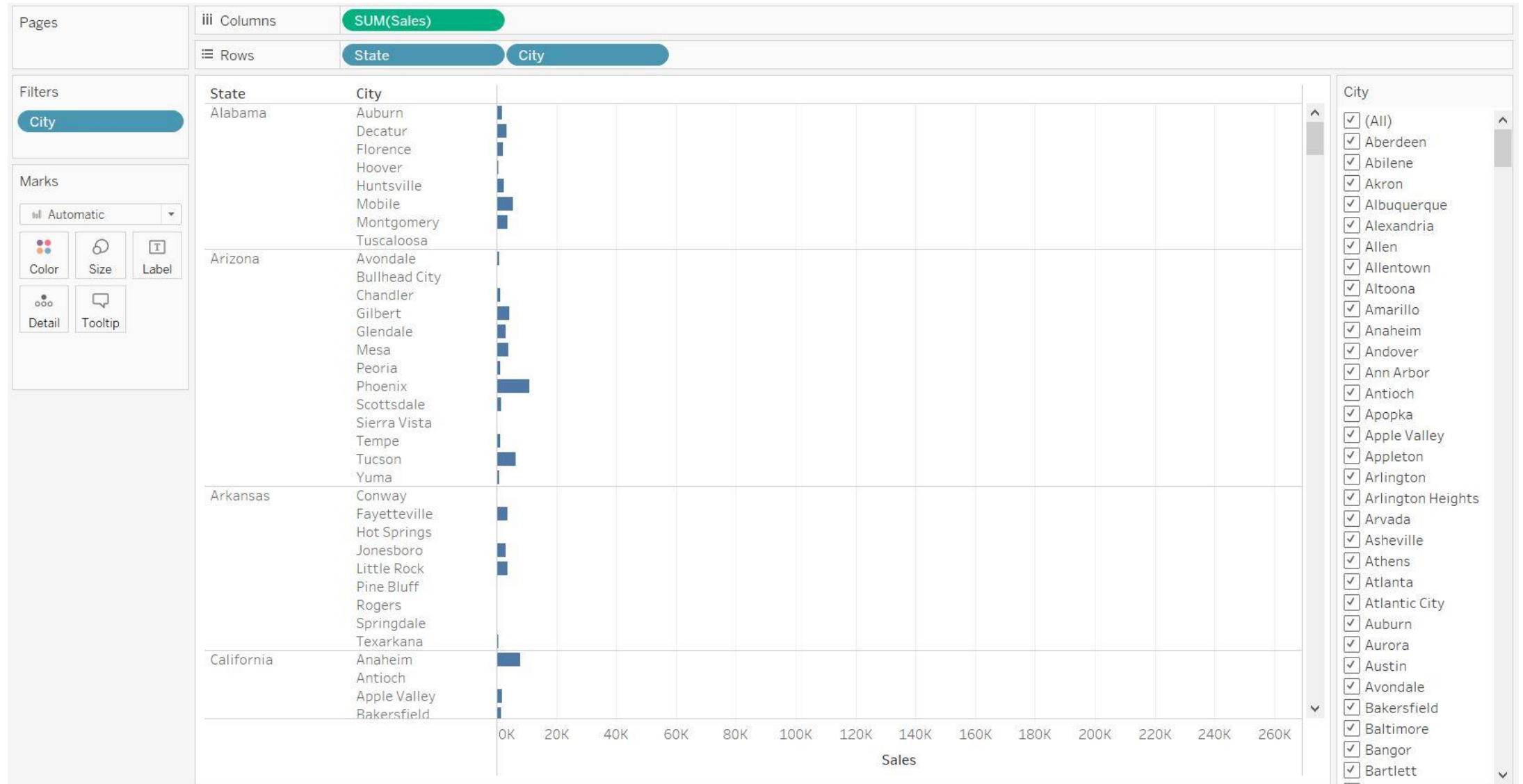
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Step 2: Right-click **City** in **Rows** Shelf, Select **Show Filter**



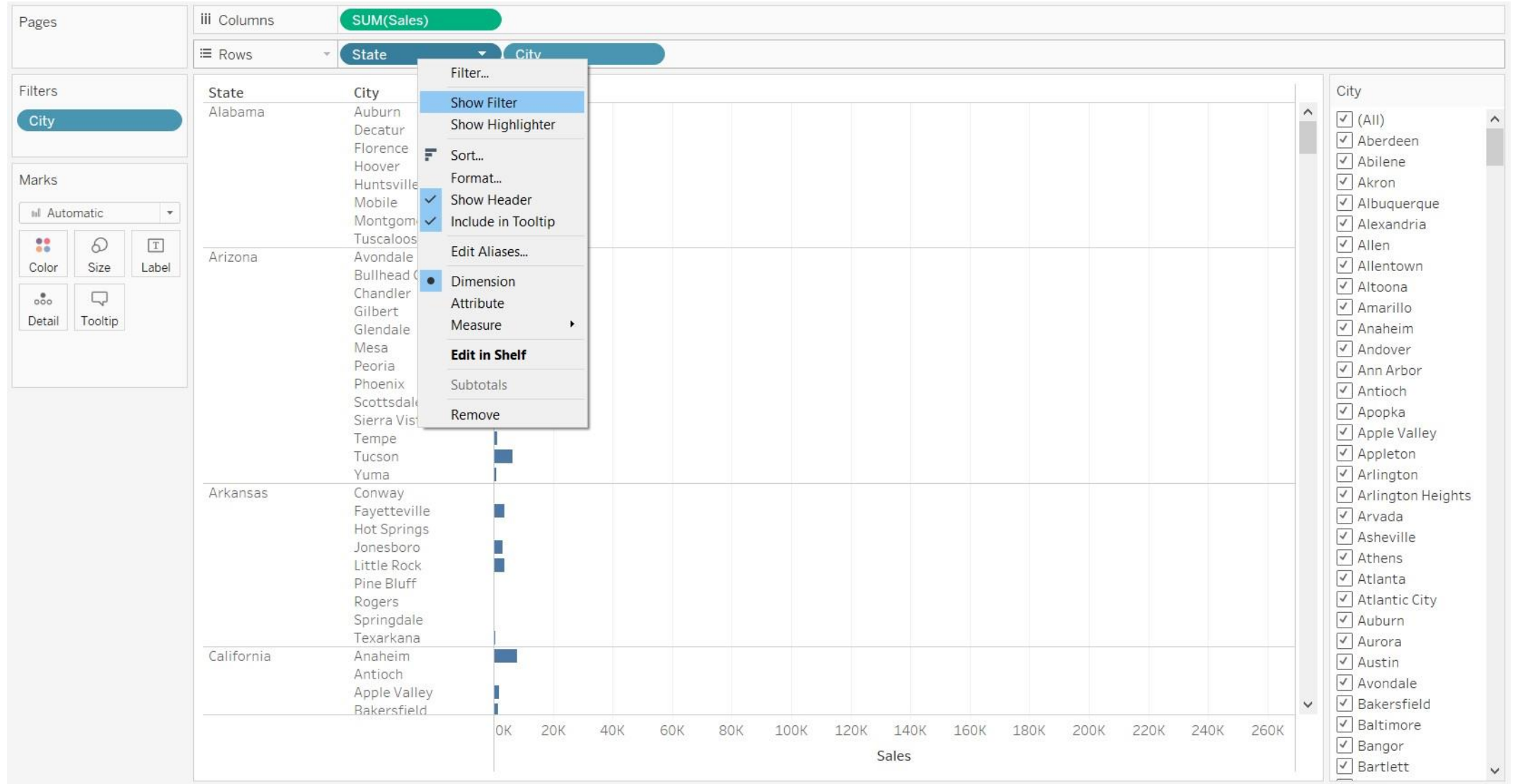
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Step 3: Observe that the **City** is placed on **Filters Shelf** and control is shown via Filters card



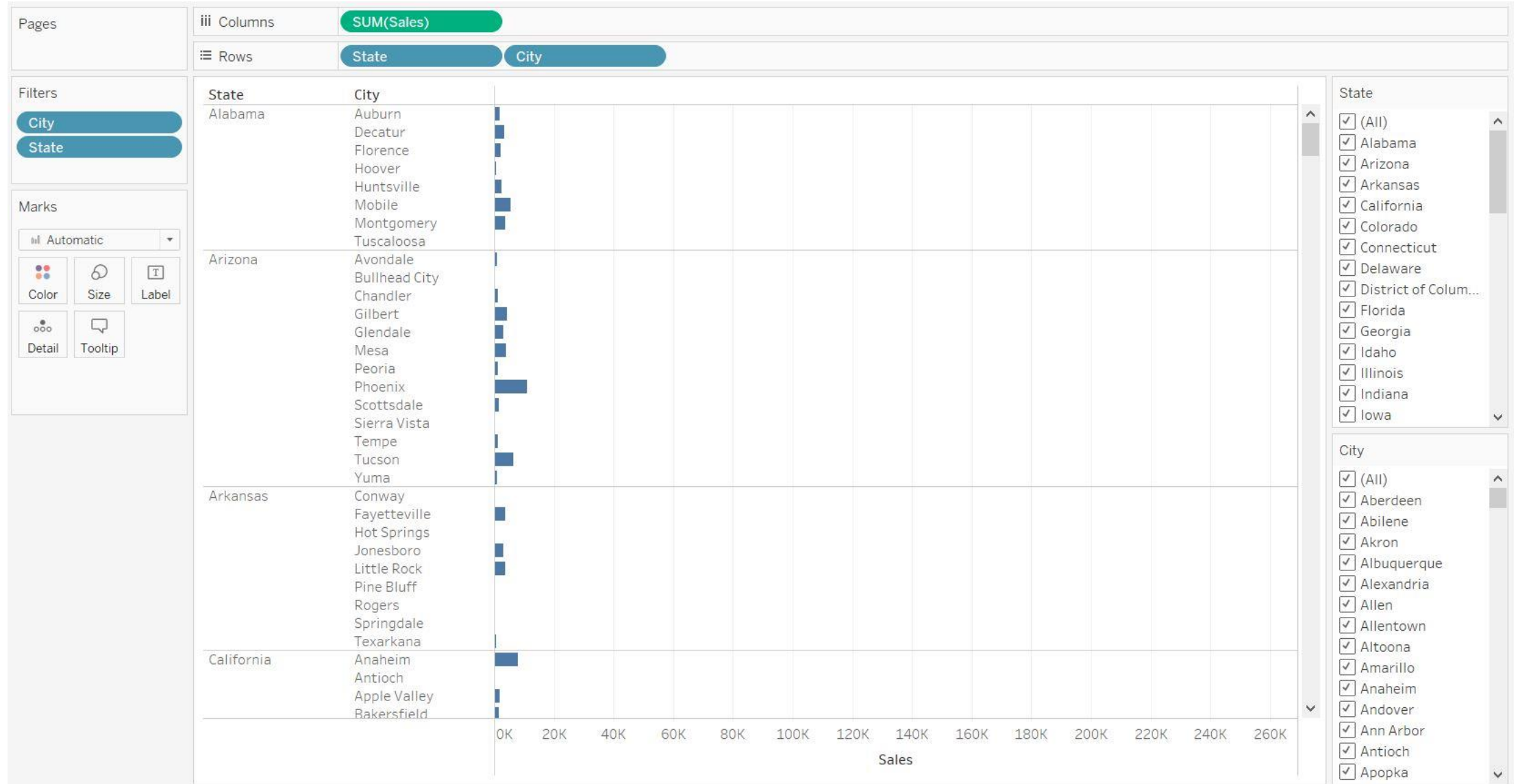
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Step 4: Right-click **State** in Rows Shelf, Select **Show Filter**



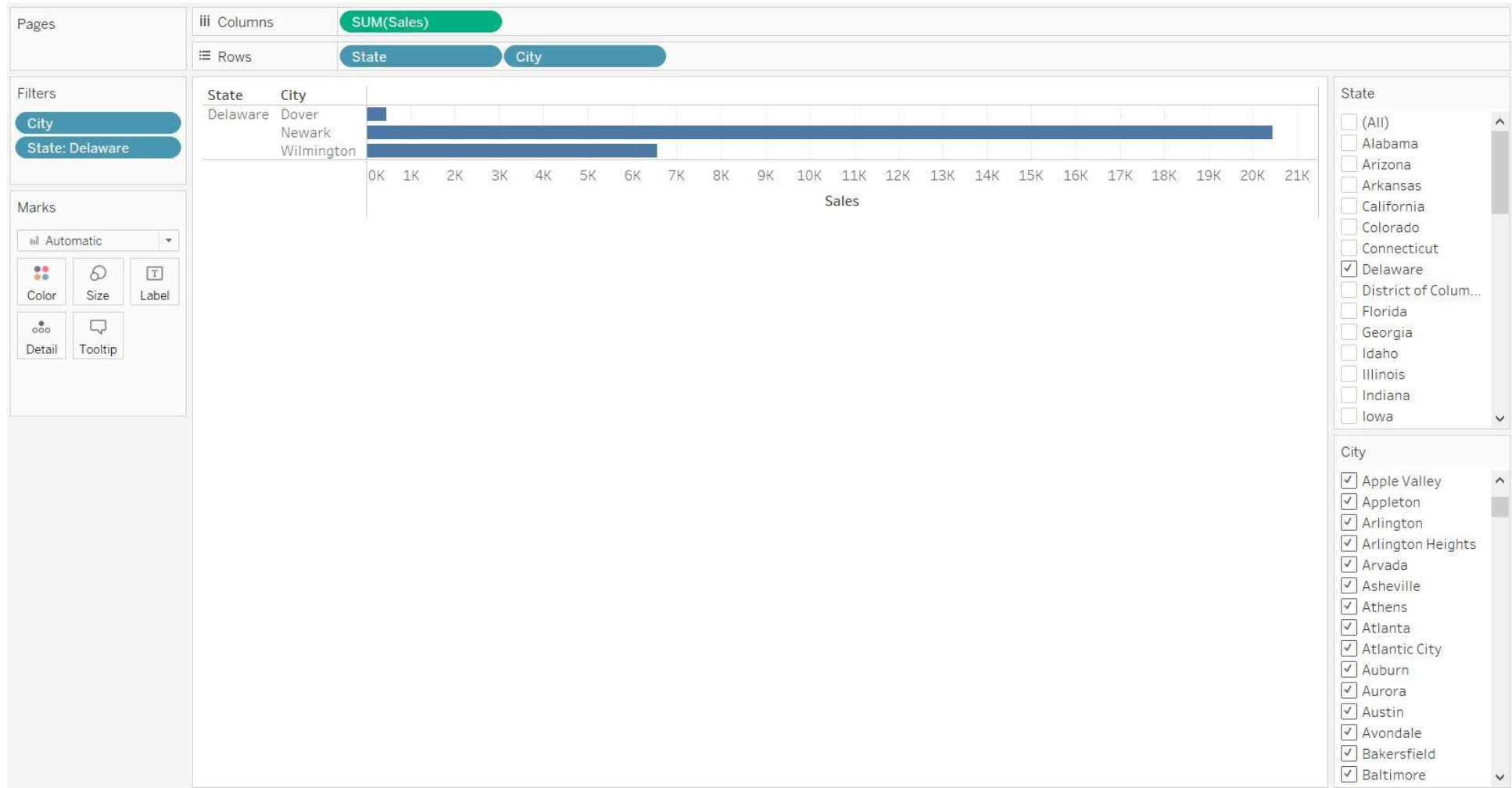
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Step 5: Observe that the **State** is placed on **Filters** Shelf and control is shown via Filters card



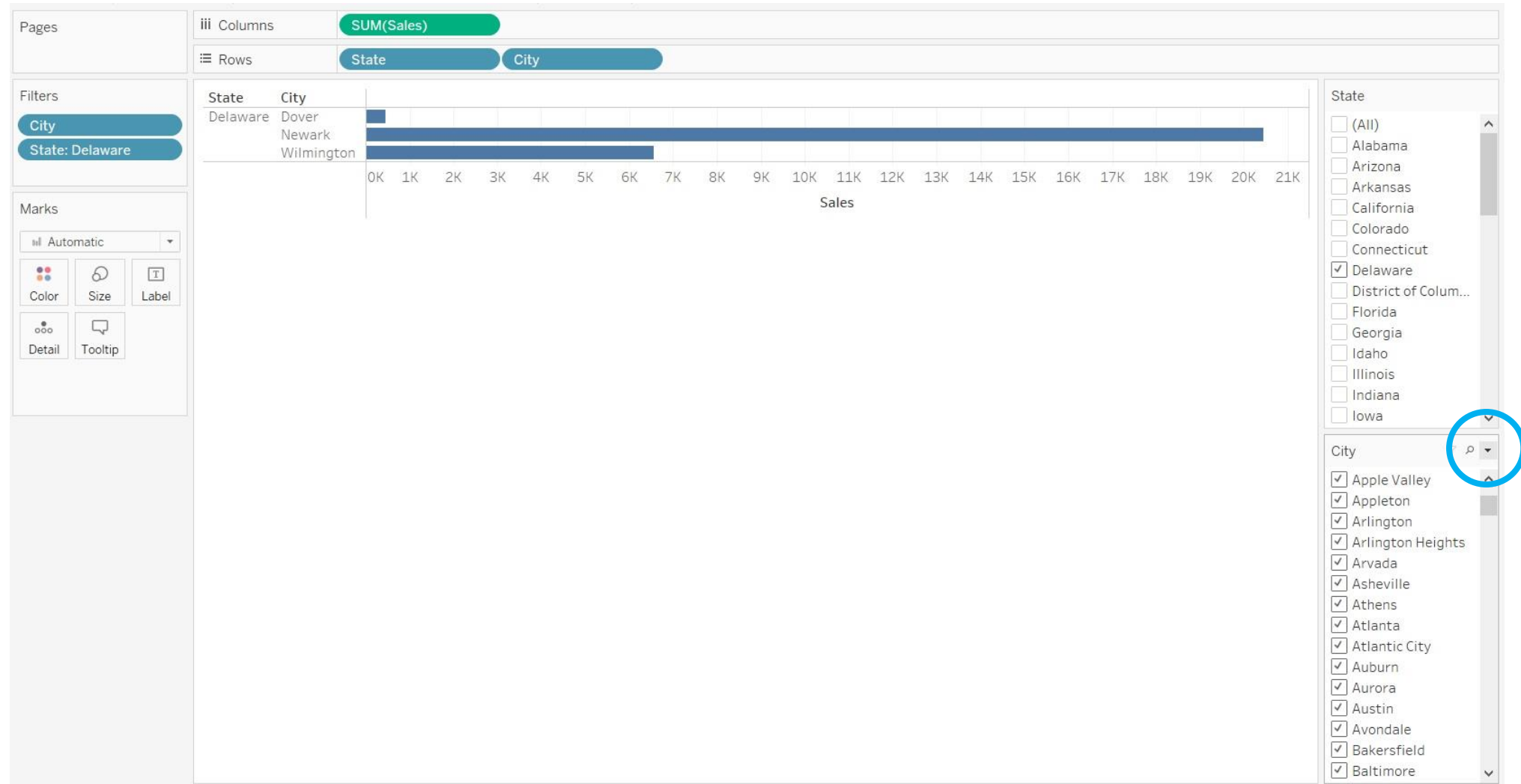
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Step 6: By default, when we select any State e.g: **Delaware** we can see that the view shows only cities in **Delaware**, but the City Filter card shows all cities. Hence there is a mismatch



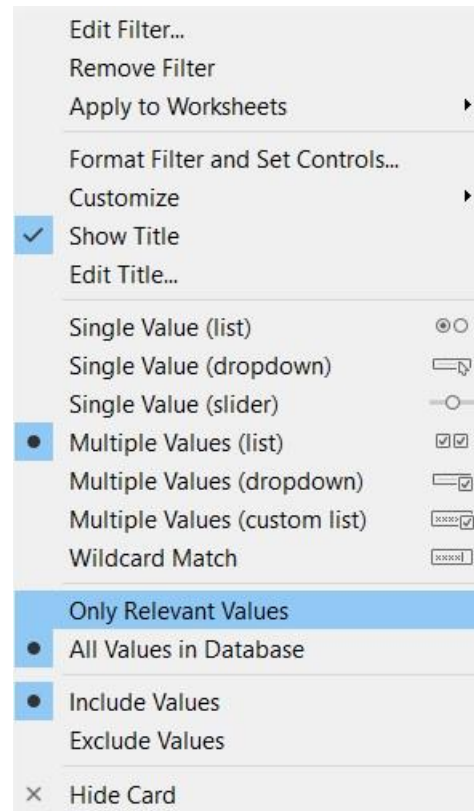
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Step 7: Click on the **bottom arrow** at the top right side of **City** Filter control



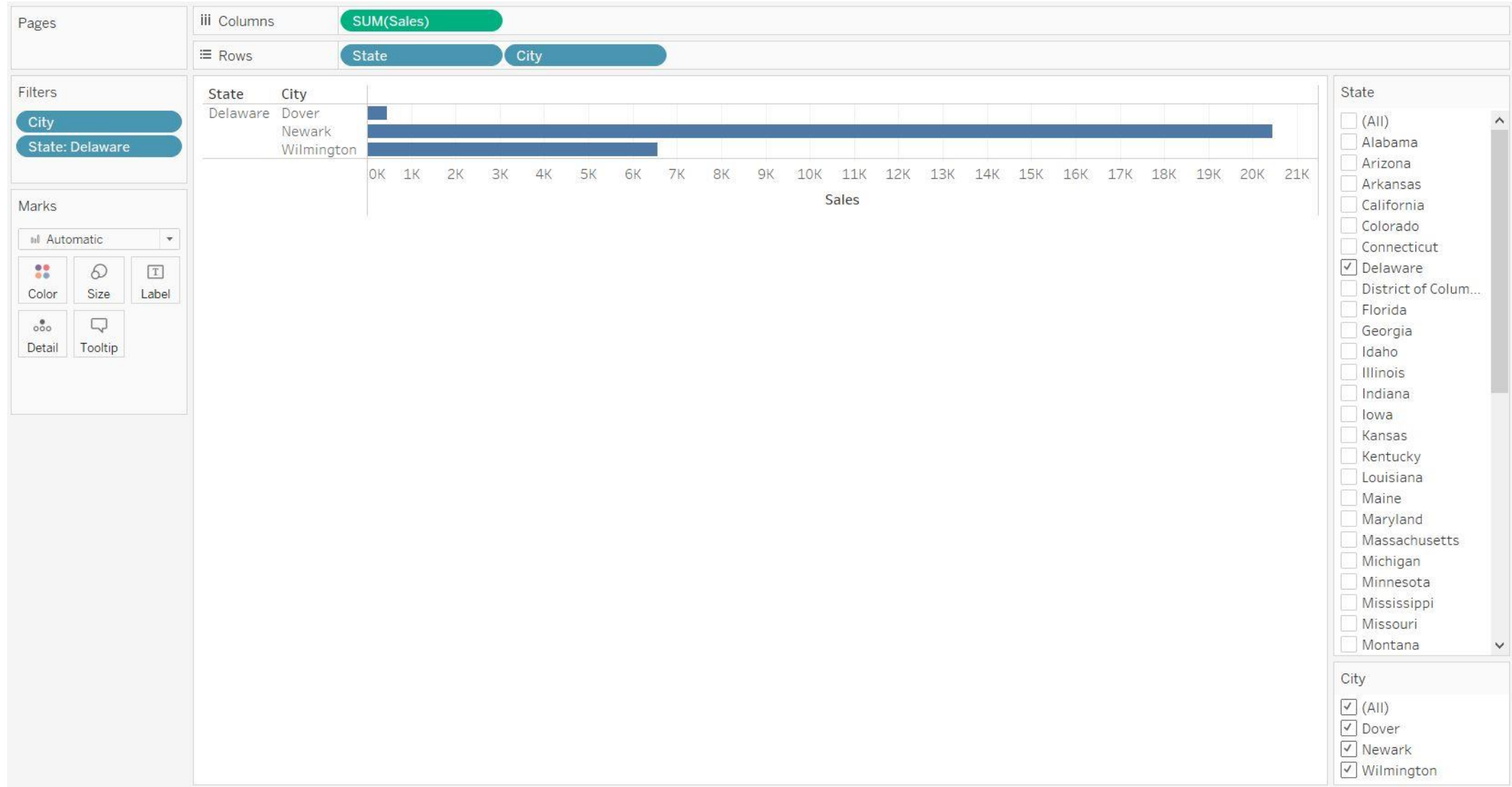
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Step 8: Select Only Relevant Values



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Step 9: Now the cities shown in **City** Filter card matches cities of **Delaware** in the view



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Step 10: The same will be applicable if we select a different **State** e.g: **Arkansas**

