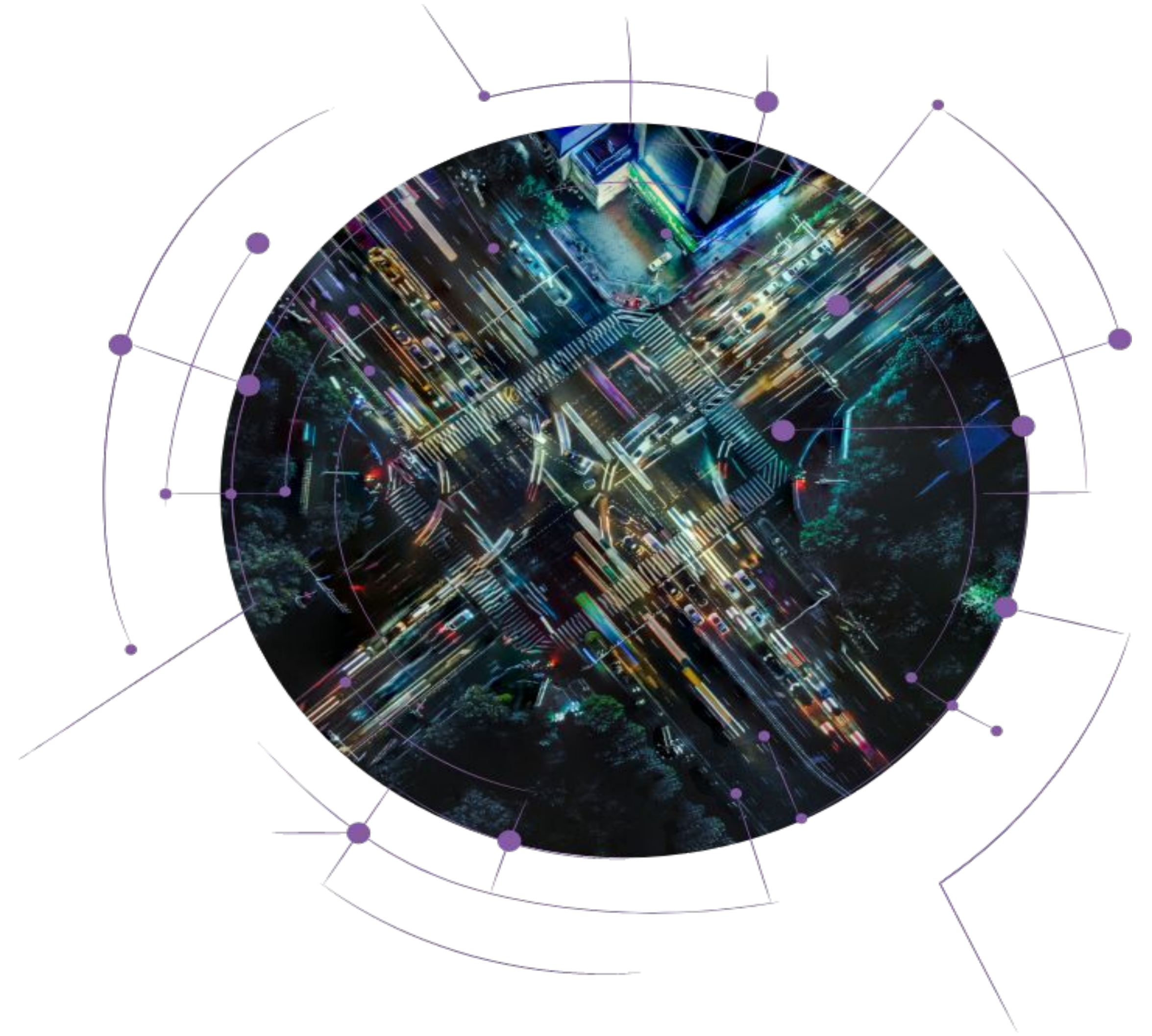


DATA SOCIETY:

Introduction to Tableau

Part 4

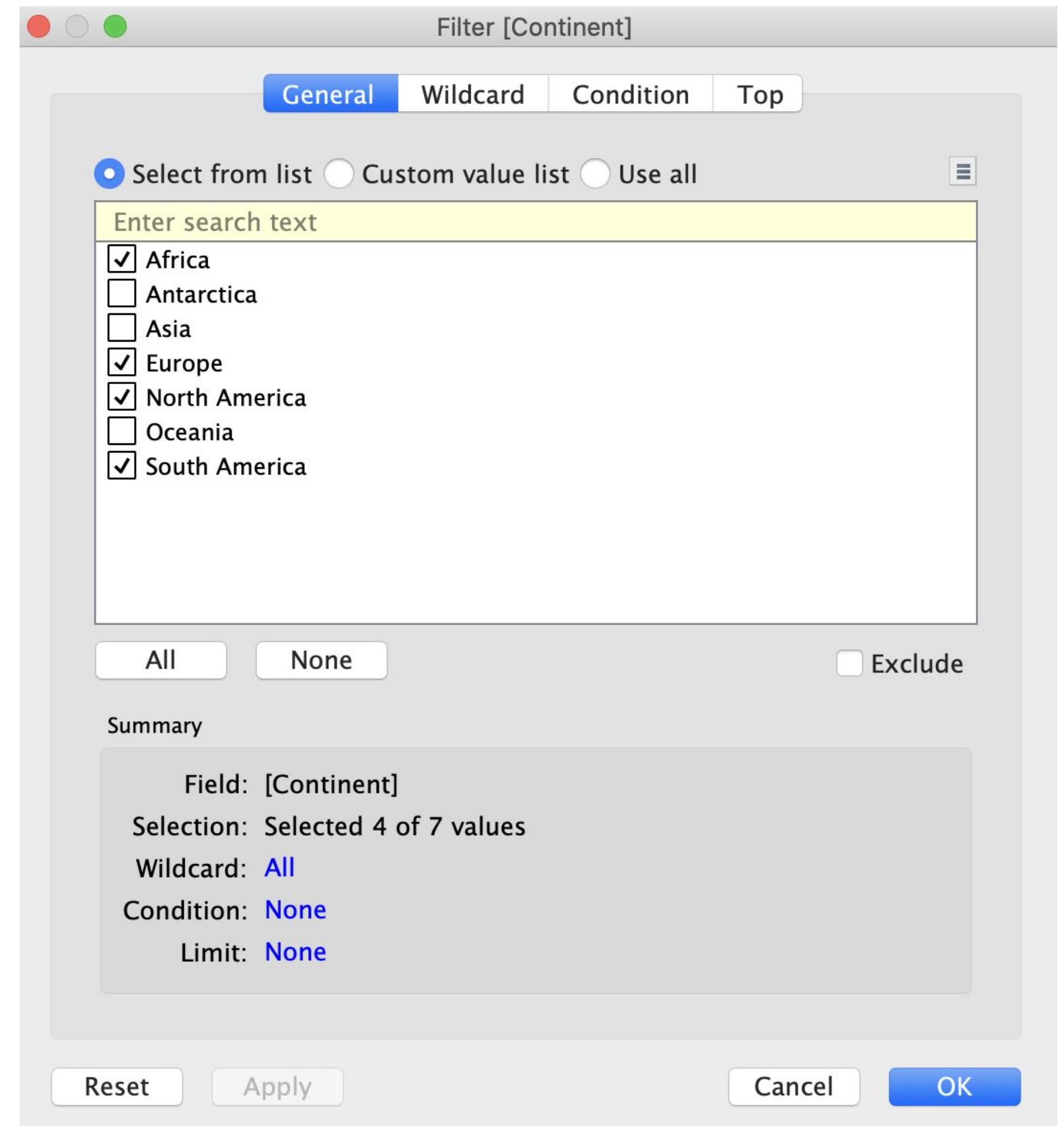


Module completion checklist

Objective	Complete
Manually join tables using joins	✓
Introduce the concept of aggregating, binning, and grouping	✓
Create and use bins and groups	✓
Explore filtering capabilities of Tableau	

Cleaning and focusing: filters

- It is often appropriate to graph only a portion of the data when:
 - There are credible **outliers**.
 - There are **bad data** such as input errors, null values or coded values.
 - i.e. missing values are often coded as integers and need to be filtered.
 - The question only addresses a certain **interval**.
 - i.e. “did the administration of a drug reduce mortality in the *following month*?”



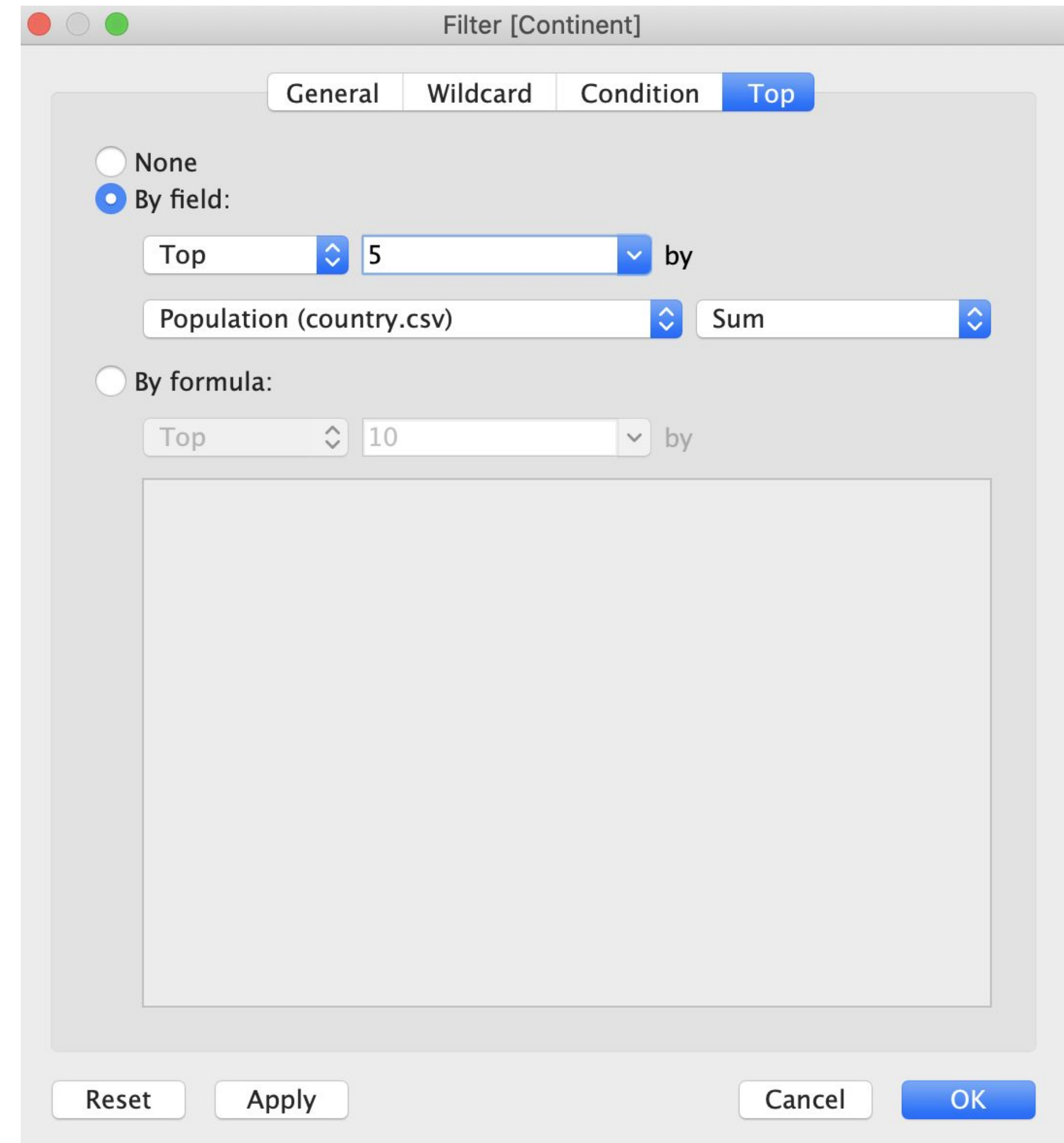
Filtering the world data: match value

- We can use different type of **filters** to get more specific data.
- Adding a match value will only include or exclude those columns that match that value.

The screenshot shows the 'Filter [Continent]' dialog box in Tableau. The 'Wildcard' tab is selected. The 'Match value:' field is empty. The 'Exclude' checkbox is unchecked. The 'Contains' radio button is selected. The 'Include all values when empty' checkbox is checked. The 'Clear' button is visible. At the bottom, there are 'Reset', 'Apply', 'Cancel', and 'OK' buttons.

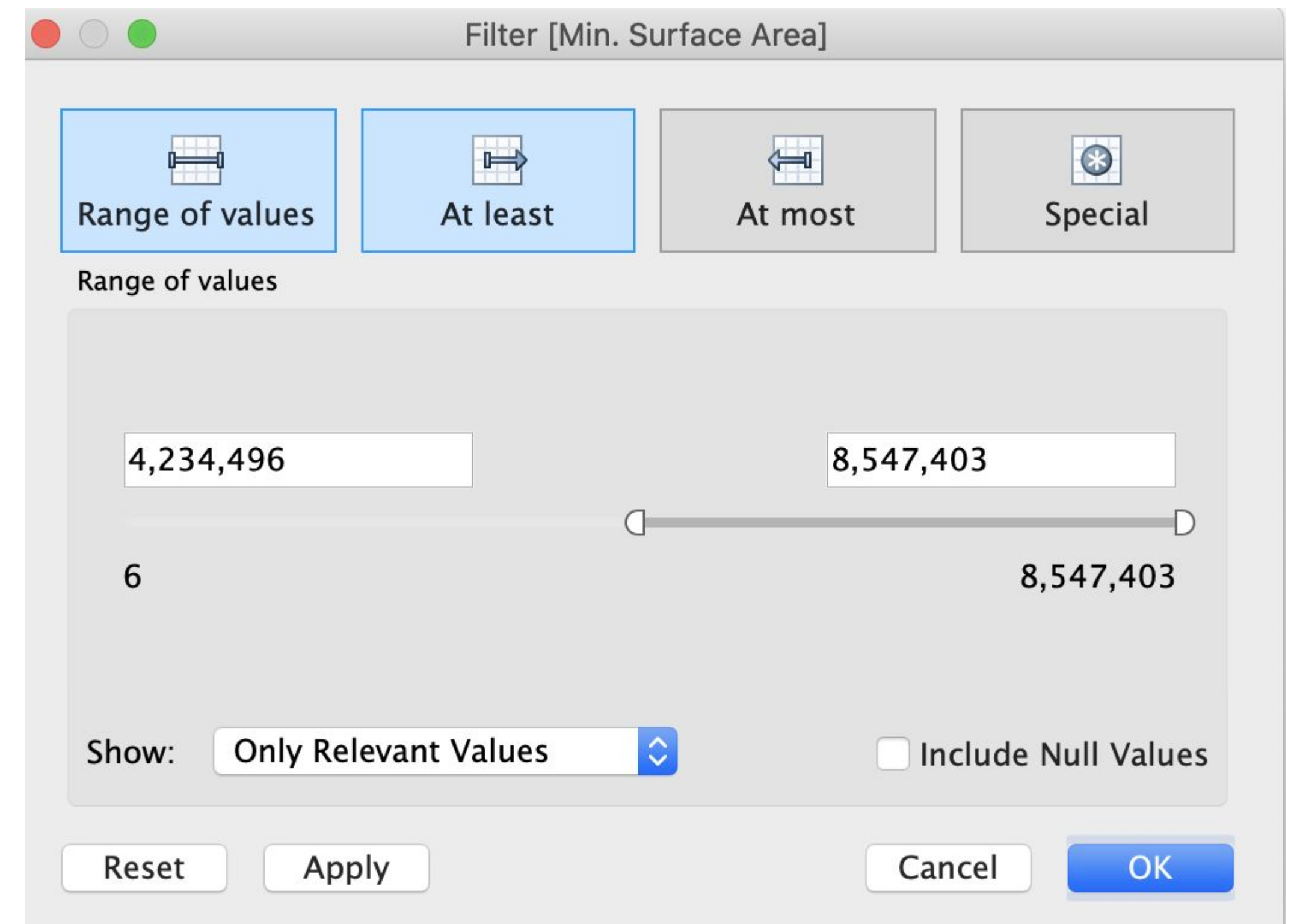
Filtering the world data: top values

- If we want to display only top results we can use the **Top** option and enter the top number of values that we want to see returned.



Filtering the world data: ranges

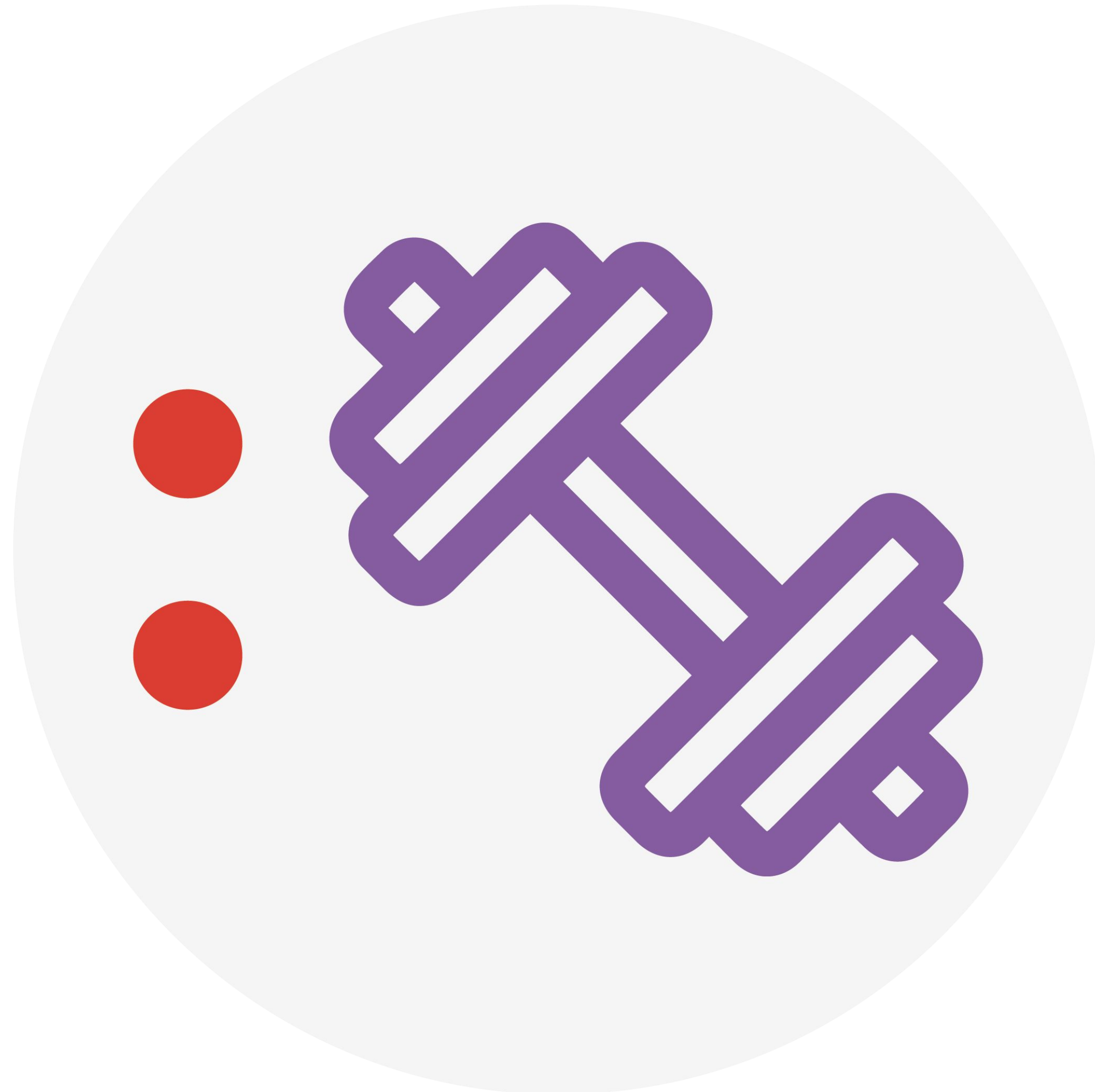
- We can also use specific ranges to filter our data. This only works when our data is quantitative.
- There are different ways of filtering by range.
- We can also choose to filter out null values.



Knowledge check 4



Exercise 4



Module completion checklist

Objective	Complete
Manually join tables using joins	✓
Introduce the concept of aggregating, binning, and grouping	✓
Create and use bins and groups	✓
Explore filtering capabilities of Tableau	✓

Congratulations!

In the past few modules, we covered:

- Aggregating by formula
 - Sorting
 - Attributes
- Binning continuous data
- Grouping by category
- Cleaning and focusing with filters
 - Match value
 - Top values
 - Ranges

Next Steps

In the next few modules, we will cover:

- Formatting options.
- Functions in Tableau.

Until then, stay excited!

● End of Part 4

