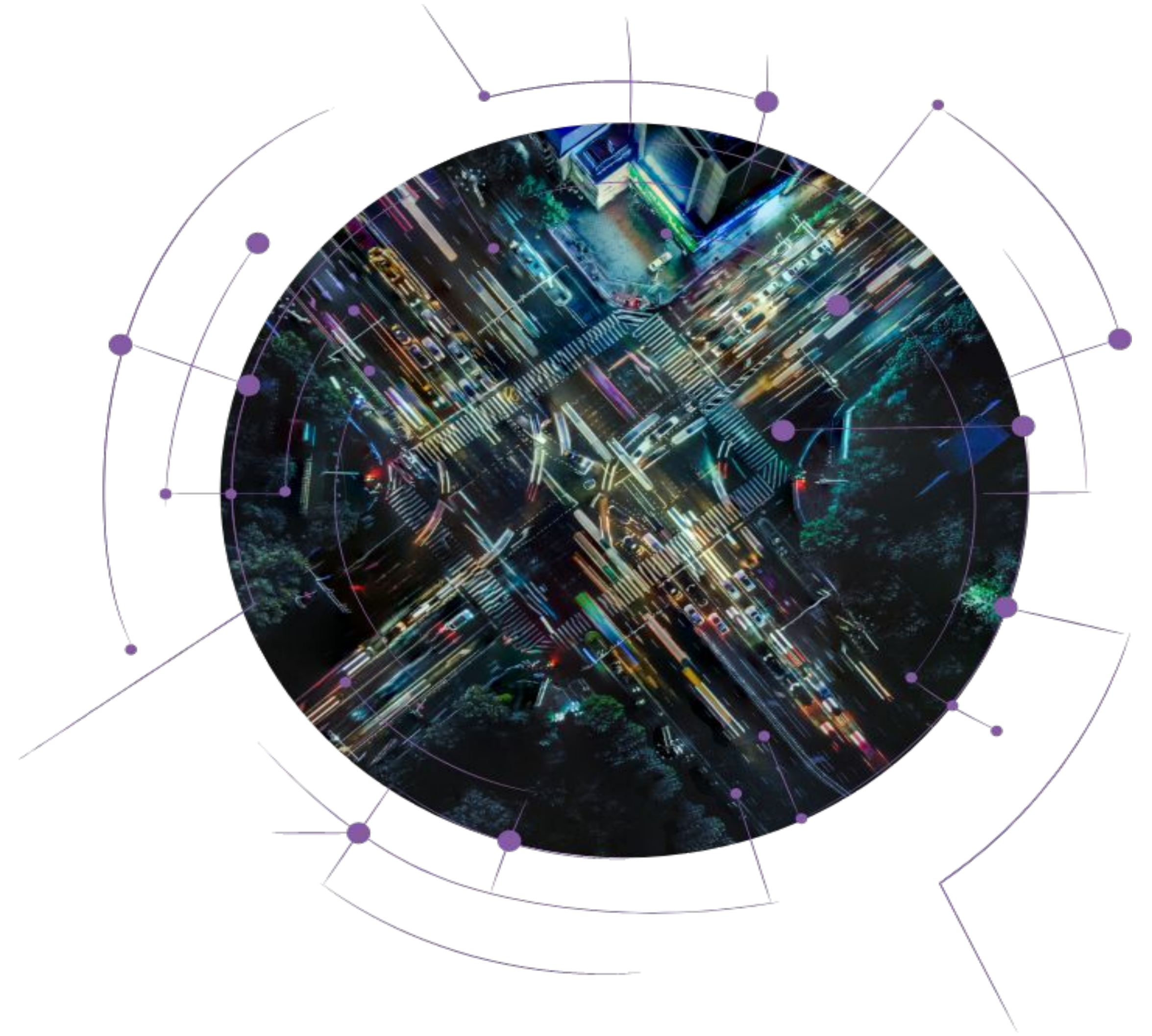


DATA SOCIETY:

Introduction to Tableau

Part 4

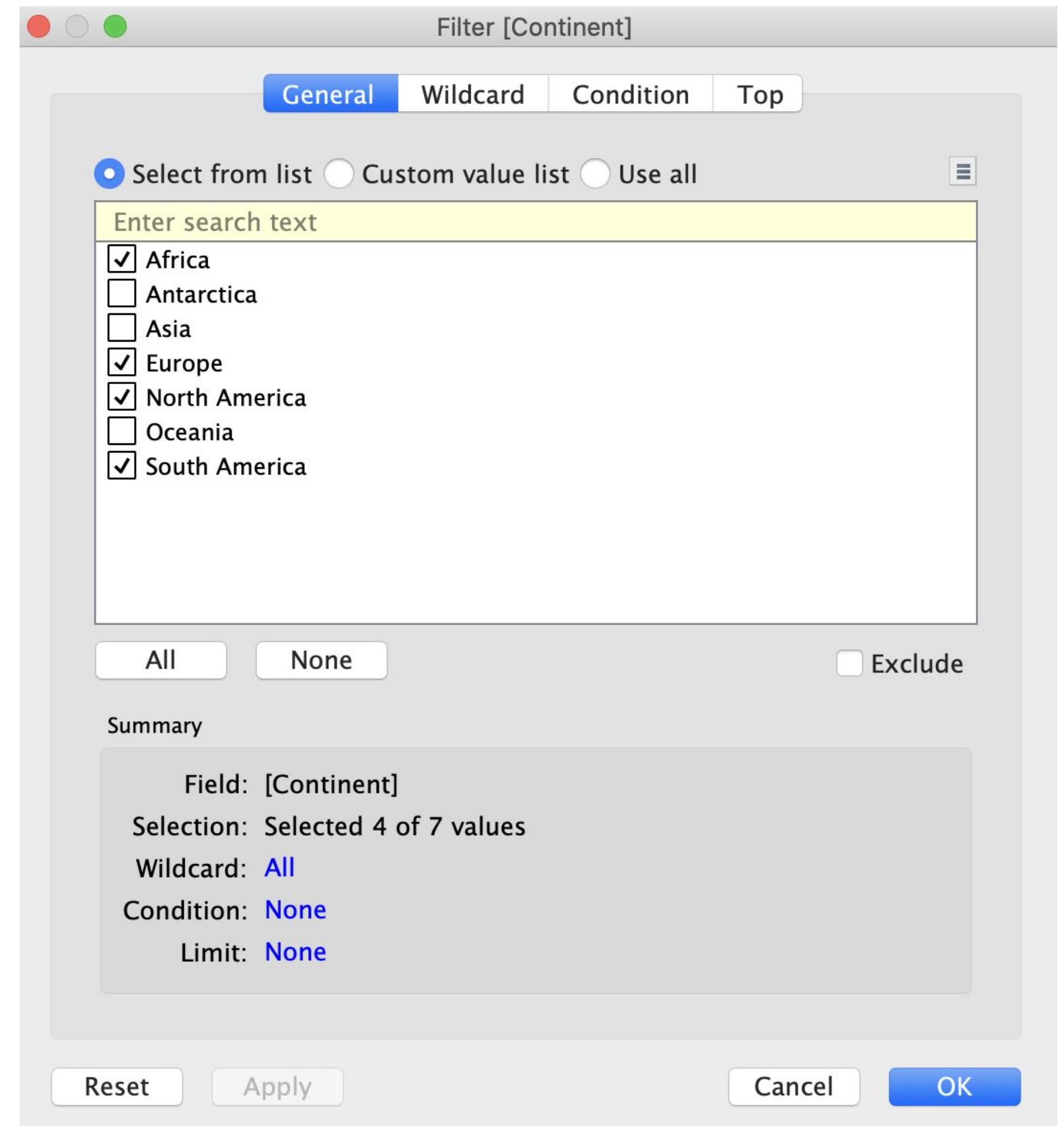


Module completion checklist

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.

Filter [Continent]

General Wildcard Condition Top

Match value: ☐ Exclude

☒ Contains ☐ Starts with ☐ Ends with ☐ Exactly matches

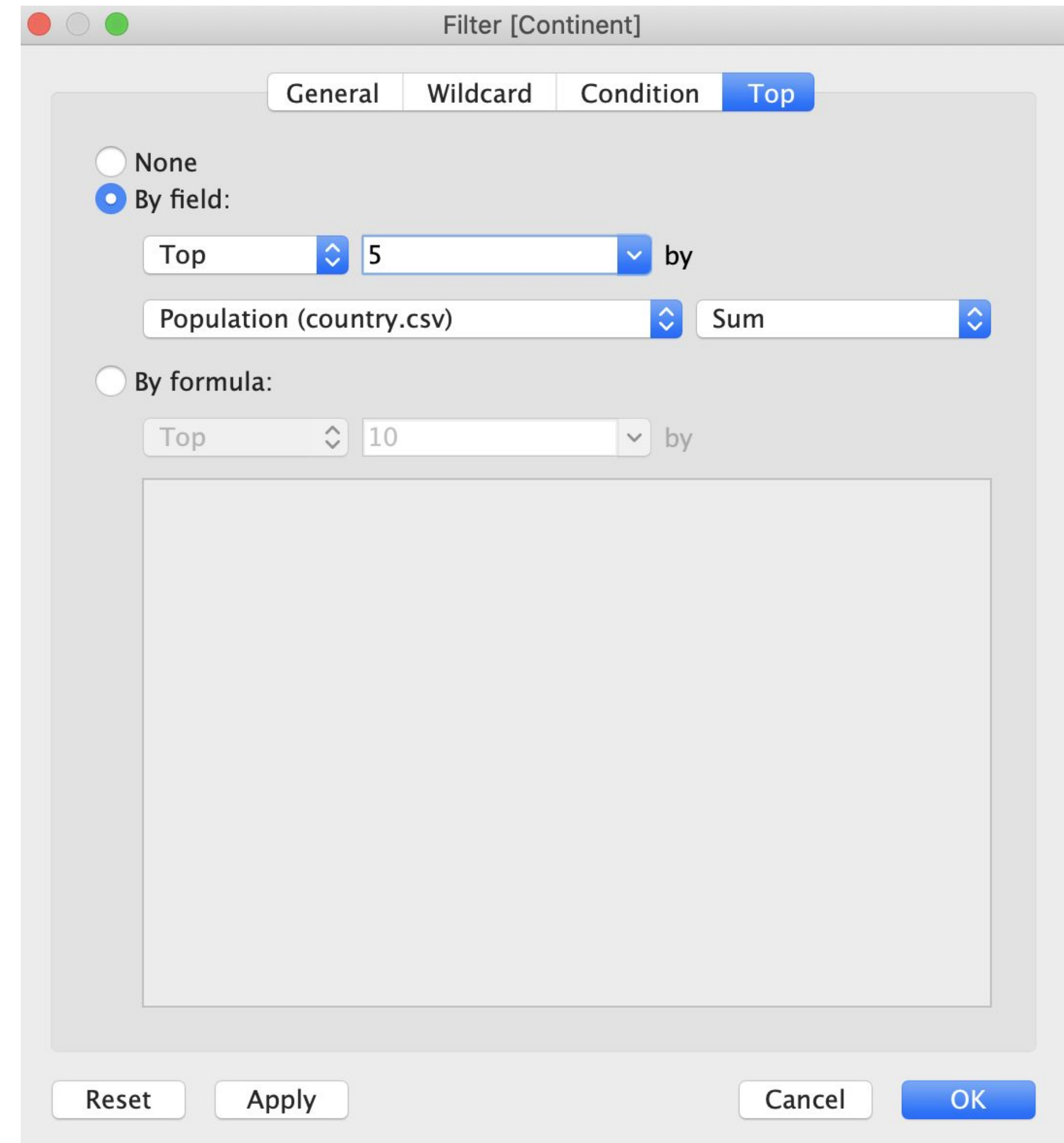
☒ Include all values when empty

Clear

Reset Apply Cancel OK

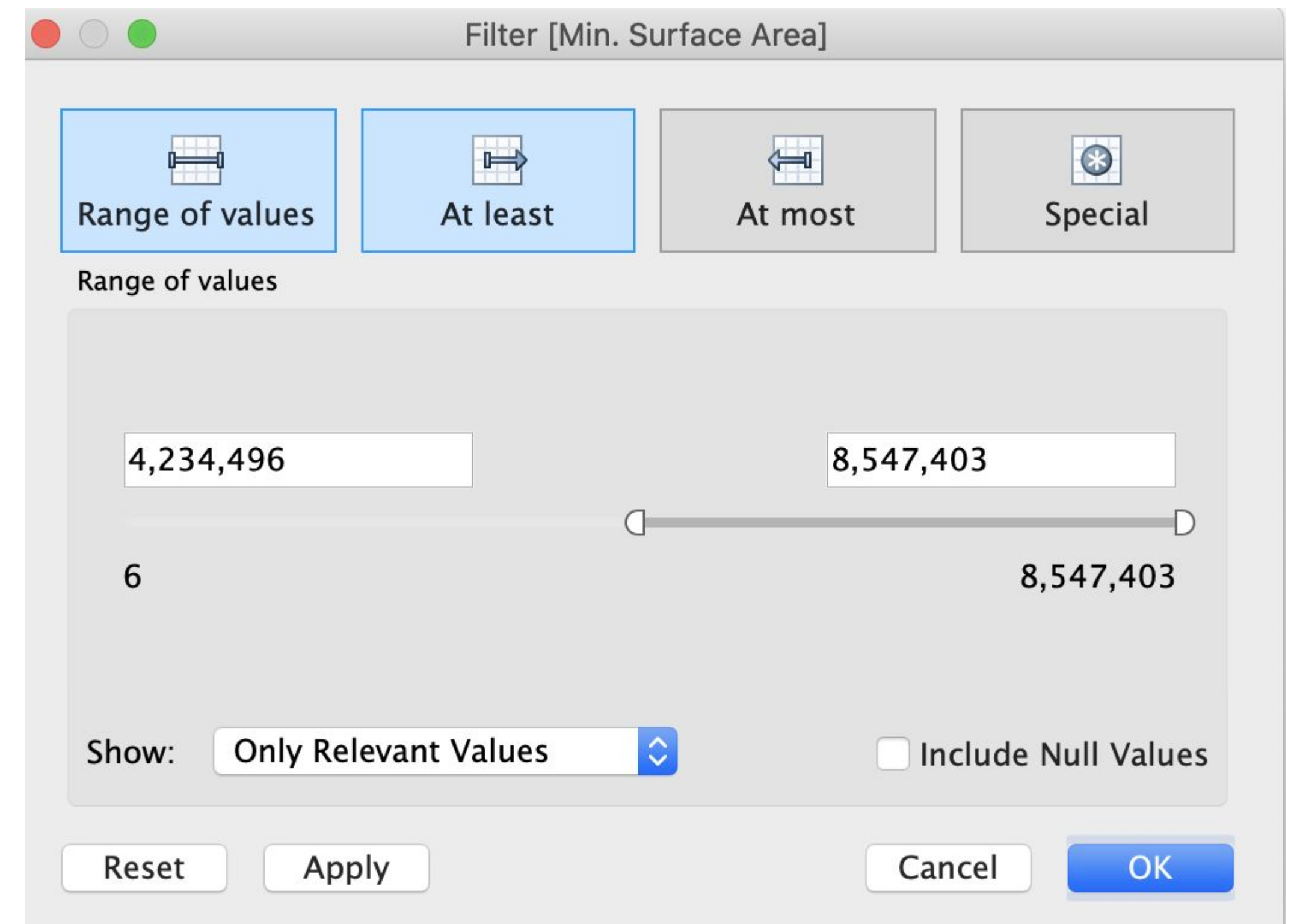
Filtering the world data: top values

- 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

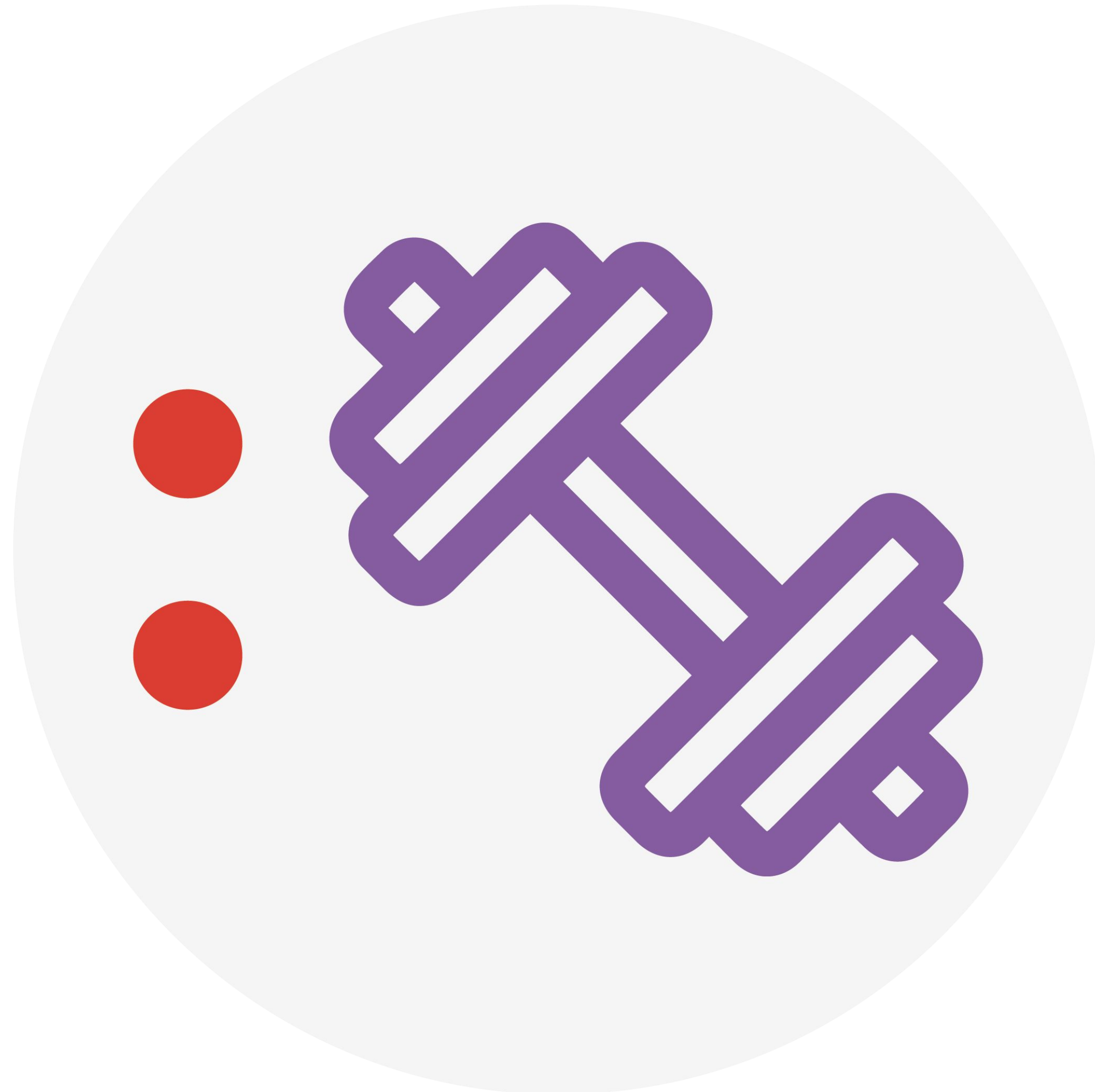
- We can also use specific ranges to filter our data. This only works when our data is quantitative.
- There are different ways of filtering by range.
- We can also choose to filter out null values.



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

