

# Filters

Filters are a great tool to use when you've got a lot of data cluttered on the screen and you'd like to drill into more specific data. Open the filters expandable section. To get started, create a filter and decide which column you'd like to see a sub-selection of.

If it's a numerical column, you can use the following logic:

- is between- if you'd like to see all dots that fall between a minimum and maximum number
- is less than- if you'd like to see all dots that fall below a maximum number
- is greater than- if you'd like to see all dots that are above a minimum number

If it's a categorical column, you can use the following logic:

- contains- if you'd like to see all dots that contain a specific group of letters or word(s)
- doesn't contain- if you'd like to see all dots except for those that contain a specific group of letters or word(s)

If it's just one value within a column, it can be either categorical or numerical, and you can use the following logic:

- is equal to- if you'd like to see all dots that have values in the data that are equal to a number, specific group of letters or word(s)
- is not equal to- if you'd like to see all dots except for those that have values in the data that are equal to a number, specific group of letters or word(s)

If you'll be applying more than one filter, the Logic can be set to either 'and' or 'or'. When and is selected, both filters will be applied and there is a compounding effect where your dots have to meet both requirements in order to be shown. When or is selected, filters will be applied separately, and if dots meet any of the filter requirements, they are shown.

The "Hide filtered data" checkbox should be toggled on when you'd like to see the view of your filtered dots take up the entire axis dimension, effectively temporarily altering the range, or domain, of the axis. The axes expand out to your filtered data's maximum and minimum bounds. It allows you to really zoom in on the data and get a clear, detailed view of each of the individual pieces.

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