



Tech Spec: Slider Filter

Microsoft PowerBI Custom Visual

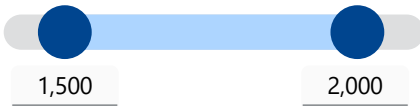
Confidential

Wireframes: Quantity

01

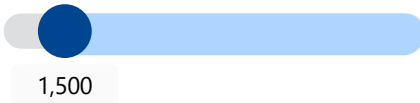
Kilocalories (kcal)

Between



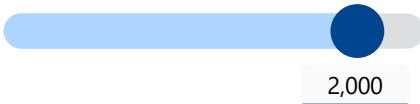
Kilocalories (kcal)

Greater Than



Kilocalories (kcal)

Less Than



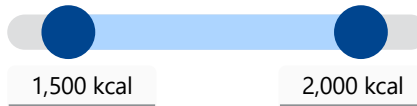
Kilocalories (kcal)

Beyond



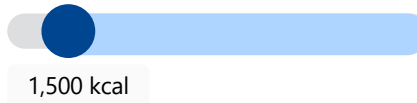
Kilocalories (kcal)

Between



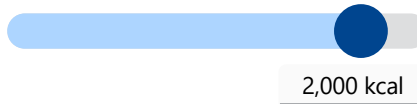
Kilocalories (kcal)

Greater Than



Kilocalories (kcal)

Less Than



Kilocalories (kcal)

Beyond



Kilocalories (kcal)

Between



- ☒ Between
- ☐ Greater Than
- ☐ Less Than
- ☐ Beyond

Note: Need ability to group measure by a particular category (e.g., date, date categorization)

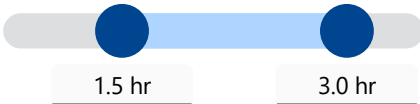


Wireframes: Combo – Single Unit

02

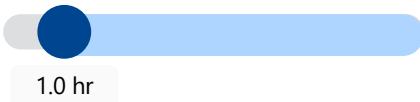
Hours (hrs)

Between



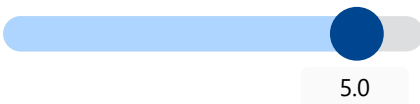
Hours (hrs)

Greater Than



Hours (hrs)

Less Than



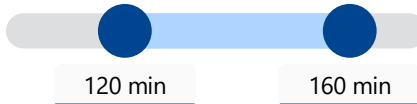
Hours (hrs)

Beyond



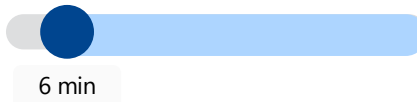
Minutes (mins)

Between



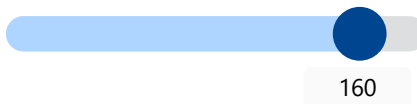
Minutes (mins)

Greater Than



Minutes (min)

Less Than



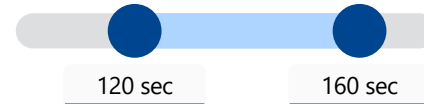
Minutes (min)

Beyond



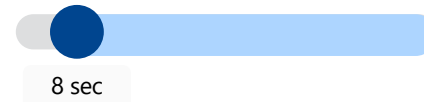
Seconds (sec)

Between



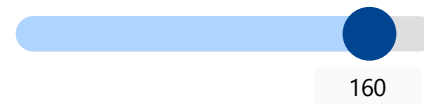
Seconds (sec)

Greater Than



Seconds (sec)

Less Than



Seconds (sec)

Beyond




Note: Need ability to group measure by a particular category (e.g., date, date categorization)

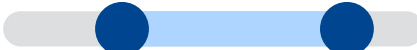


Wireframes: Combo – Multiple Units

03


Hours & Minutes


Between 



15 mins 3 hrs


Hours & Minutes


Greater Than 



1 hr


Hours & Minutes & Seconds

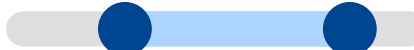
Beyond 



1 hr 5 hrs


Minute & Seconds


Between 



1 min 3 secs 5 mins


Minutes & Seconds

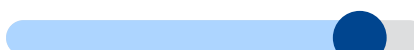
Greater Than 



1 min 15 secs


Minutes & Seconds

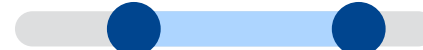
Less Than 



15 secs


Hours & Minute & Seconds


Between 



1 hr 15 mins 5 hrs


Hours & Minutes & Seconds

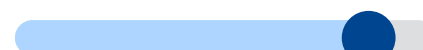
Greater Than 



1 hr

Hours & Minutes & Seconds

Less Than 



5 hrs


Note: Need ability to group measure by a particular category (e.g., date, date categorization)
& Need ability to remove 0 (zero) values from multiple units (e.g., 1 hr 15 mins 0 secs, should show 1 hr 15 mins)

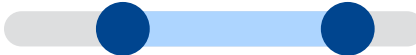


Wireframes: Time

04


Time

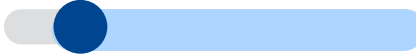
Between 



4:00 AM 10:00 PM


Time

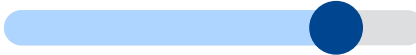
Greater Than 



2:00 AM


Time


Less Than 



10:00 PM

Time

Beyond 



4:00 AM 10:00 PM

Note: Need ability to group measure by a particular category (e.g., date, date categorization)




Field(s)

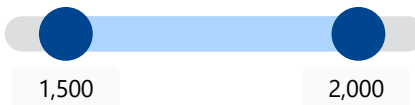
- **Value(s):** Allow Multiple Items *(Required)*
- **Group By:** Allow Single Item *(Not Required)*

- **Unit:** Allow Single Item *(Required)*

General Settings


Kilocalories (kcal)

Between 



1,500 2,000

Kilocalories (kcal)

Between 

- ☒ Between
- ☐ Greater Than
- ☐ Less Than
- ☐ Beyond

FORMAT

#. Card

Group

- Setting: Default – XXX

1. Properties

Size

- Width: Default – 280 px
- Height: Default – 280 px

Position

- X Position: Default – 10
- Y Position: Default – 0

Advanced Options

- Maintain Layer Order: Default – Off
- Responsive: Default – Off

2. Title

- Title: Default – On
- Title Text: Default – Value
- Title Heading: Default – Heading 3
- Font: Default – DIN
- Font Size: Default – 14
- Bold: Default – Off
- Italic: Default – Off
- Underline: Default – Off
- Text Color: Default – #252423
- Background Color: Default – #ffffff
- Horizontal Alignment: Default – Left Justified
- Text Wrap: Default – On

3. Effects

Background

- Background: Default – On
- Color: Default – #ffffff
- Transparency: Default – 0%

Visual Border

- Visual Border: Default – Off
- Color: Default – #000000
- Rounded Corners: Default – 0 px

Shadow

- Shadow: Default – Off
- Color: Default – #252423
- Offset: Default – Outside
- Position: Default – Bottom Right
 - Custom
 - Size: Default – 3 px
 - Blur: Default – 10 px
 - Angle: Default – 45 deg
 - Distance: Default – 10 px
 - Transparency: Default – 70 px

5. Alt Text

- Alt Text: Default – None

4. Header Icons

Colors

- Header Icons: Default – On
- Background: Default – #ffffff
- Border: Default – #ffffff
- Icon: Default – #333333
- Transparency: Default – 0%

Icons

- Visual Information: Default – On
- Visual Warning: Default – On
- Visual Error: Default – On
- Drill On Dropdown: Default – On
- Drill Up: Default – On
- Drill Down: Default – On
- Show Next Level: Default – On
- Expand to Next Level: Default – On
- Pin: Default – On
- Focus Mode: Default – On
- See Data Layout: Default – On
- More Options: Default – On
- Filter: Default – On
- Help Tooltip: Default – On
- Comment Button: Default – On
- Copy Icon: Default – On



Fields & Format (2/3)

06

Visual Settings

The image shows two visual settings for a 'Kilocalories (kcal)' field. On the left, a slider control is shown with a blue track and two blue knobs. The left knob is at 1,500 and the right knob is at 2,000. A dropdown menu is open above the slider, showing the 'Between' option selected. On the right, a list control is shown with a dropdown menu open, showing the 'Between' option selected. The list also includes 'Greater Than', 'Less Than', and 'Beyond' options. The list is labeled with a '2' in a circle. The slider is labeled with a '4' in a circle. The dropdown menu is labeled with a '1' in a circle. The list is labeled with a '3' in a circle. The slider is labeled with a '2' in a circle.

1. Dropdown

- Dropdown: Default – On

Background

- Fill Color: Default – #fafafa
- Fill Opacity: Default – 100% (Options: 0% – 100%)
- Radius Top-Left: Default – 0 px (Options: 0 px – 20 px)
- Radius Top-Right: Default – 0 px (Options: 0 px – 20 px)
- Radius Bottom-Left: Default – 0 px (Options: 0 px – 20 px)
- Radius Bottom-Right: Default – 0 px (Options: 0 px – 20 px)
- Outline Left: Default – Off
- Outline Right: Default – Off
- Outline Top: Default – Off
- Outline Bottom: Default – On
- Outline Color: Default – #8c9093
- Outline Thickness: Default – 2 px (Options: 0 px – 5 px)

Font

- Font Family: Default – Segoe UI
- Size: Default – 10 pt (Options: 8 pt – 30 pt)
- Color: Default – #000000
- Bold: Default – Off
- Italic: Default – Off
- Underline: Default – Off

Icon

- Chevron Size: Default – 10 px (Options: 0 px – 30 px)
- Chevron Color: Default – #00458f

2. List

Background

- Fill Color: Default – #fafafa
- Fill Opacity: Default – 100% (Options: 0% – 100%)
- Radius Top-Left: Default – 0 px (Options: 0 px – 20 px)
- Radius Top-Right: Default – 0 px (Options: 0 px – 20 px)
- Radius Bottom-Left: Default – 0 px (Options: 0 px – 20 px)
- Radius Bottom-Right: Default – 0 px (Options: 0 px – 20 px)
- Outline Left: Default – Off
- Outline Right: Default – Off
- Outline Top: Default – Off
- Outline Bottom: Default – Off
- Outline Color: Default – None
- Outline Thickness: Default – 0 px (Options: 0 px – 5 px)

Font

- Font Family: Default – Segoe UI
- Size: Default – 10 pt (Options: 8 pt – 30 pt)
- Color: Default – #000000
- Bold: Default – Off
- Italic: Default – Off
- Underline: Default – Off

3. Slider Options

- Between: Default – On
- Greater Than: Default – On
- Less Than: Default – On
- Beyond: Default – On

4. Slider

Track

- Height: Default – 20 px (Options: 0 px – 30 px)
- Radius: Default – 15 px (Options: 0 px – 30 px)
- Selected Fill Color: Default – #add5ff
- Selected Fill Opacity: Default – 100% (Options: 0% - 100%)
- Unselected Fill Color: Default – #d9dadb
- Unselected Fill Opacity: Default – 100% (Options: 0% - 100%)
- Selected Outline Color: Default – None
- Unselected Outline Color: Default – None
- Outline Thickness: Default – 1 px (Options: 0 px – 5 px)

Knob

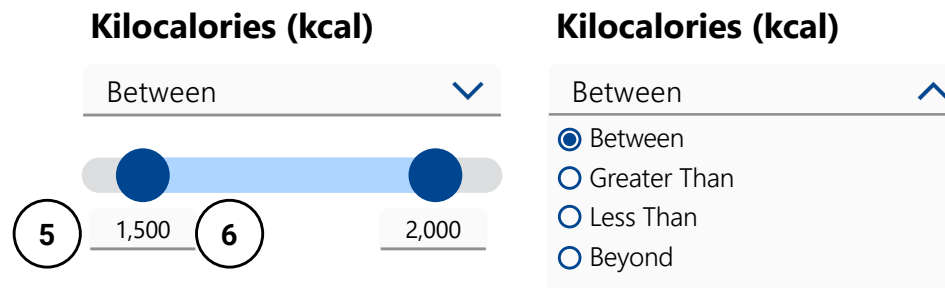
- Size: Default – 20 px (Options: 0 px – 30 px)
- Active Fill Color: Default – #00458f
- Active Fill Opacity: Default – 100% (Options: 0% - 100%)
- Inactive Fill Color: Default – #8c9093
- Inactive Fill Opacity: Default – 100% (Options: 0% - 100%)
- Active Outline Color: Default – #00458f
- Inactive Outline Color: Default – #8c9093
- Outline Thickness: Default – 1 px (Options: 0 px – 5 px)



Fields & Format (3/3)

07

Visual Settings



5. Data Label

- Data Label: Default – On

General

- Text Input: Default – On

Background

- Fill Color: Default – #fafafa
- Fill Opacity: Default – 100% (Options: 0% – 100%)
- Radius Top-Left: Default – 0 px (Options: 0 px – 20 px)
- Radius Top-Right: Default – 0 px (Options: 0 px – 20 px)
- Radius Bottom-Left: Default – 0 px (Options: 0 px – 20 px)
- Radius Bottom-Right: Default – 0 px (Options: 0 px – 20 px)
- Outline Left: Default – Off
- Outline Right: Default – Off
- Outline Top: Default – Off
- Outline Bottom: Default – On
- Outline Color: Default – #8c9093
- Outline Thickness: Default – 2 px (Options: 0 px – 5 px)

Font

- Font Family: Default – Segoe UI
- Size: Default – 10 pt (Options: 8 pt – 30 pt)
- Color: Default – #000000
- Bold: Default – Off
- Italic: Default – Off
- Underline: Default – Off

6. Value

- Value Type: Default – Quantity (Options: Quantity; Combination – hr min s; Combination – ft & in; Time)
 - Quantity
 - Number of Decimals: Default – 0 (Options: 0 - 5)
 - Unit: Default – On
 - Combination – hr min s
 - Input Value Unit: Default – Minutes (Options: Hours; Minutes; Seconds)
 - Displayed Unit: Default – Hours & Minutes (Options: Hours, Minutes, Seconds; Hours & Minutes; Minutes & Seconds)
 - Combination – ft & in
 - Input Value Unit: Default – Inches (Options: Feet; Inches)
 - Displayed Unit: Default – Feet & inches (Options: Feet & Inches)
 - Time
 - Format: Default – hh:mm AM/PM (Options: hh:mm AM/PM; h:mm AM/PM; hh:mm; h:mm)

