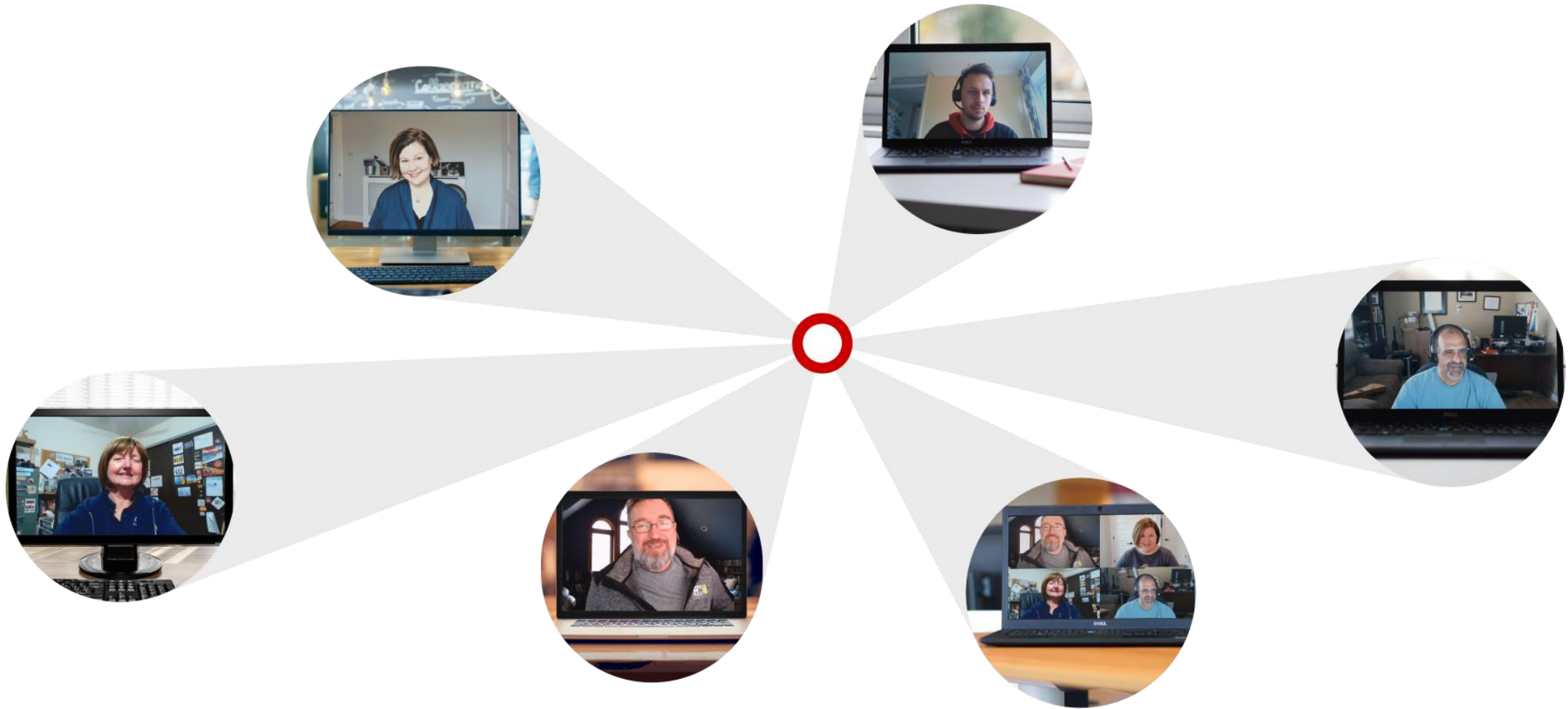


Community Circle



Intro to SQL Server Reporting Services

Kathi Kellenberger

Simple Talk Editor and DevOps Advocate



Agenda

- Introduction, tools, and setup
- Data sources, datasets, and your first report
- Parameters
- Grouping
- Interactive report features
- Visualizations
- Deploying and managing reports

Agenda

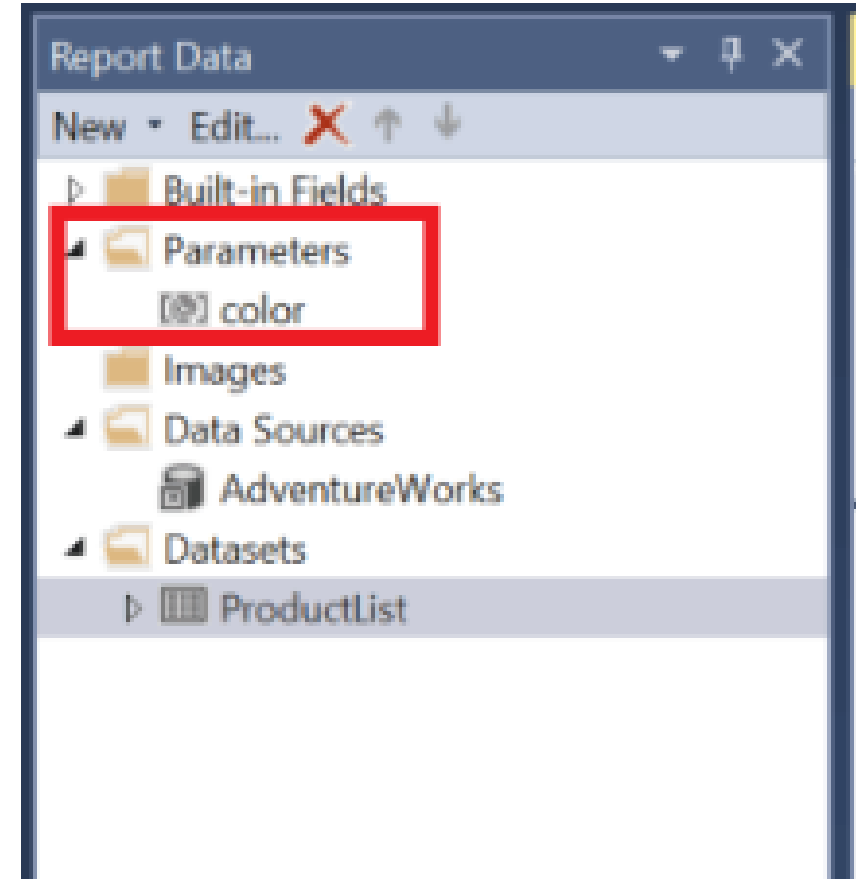
- Introduction, tools, and setup
- Data sources, datasets, and your first report
- **Parameters**
- Grouping
- Interactive report features
- Visualizations
- Deploying and managing reports

Resources

- Live class through Zoom
- Watch videos on Redgate's Community Circle Playlist or Redgate University
- <https://github.com/KathiKellenberger/SSRS>
- <https://forum.red-gate.com/categories/data-platform-course%3A-introduction-to-sql-server-reporting-services>
- <https://www.red-gate.com/simple-talk/sql/bi/reporting-services-basics-parameters/>

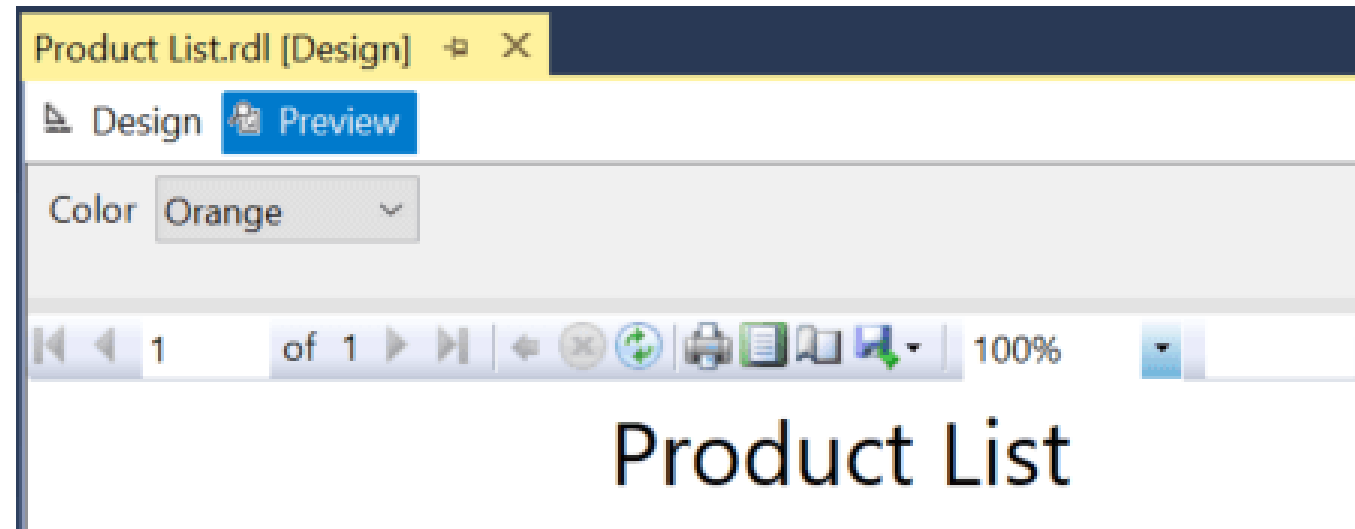
SSRS Parameters

- Makes report interactive
- Give control to user for filtering
- Automatically created when dataset has parameter
- @parameter in WHERE clause



Default parameters

- Automatically fill in a value
- Report but user can change the filter



Parameter list

- Hardcoded
- From a dataset
- This is where shared datasets are useful

Report Parameter Properties

General
Available Values
Default Values
Advanced

Choose the available values for this parameter.

Select from one of the following options:

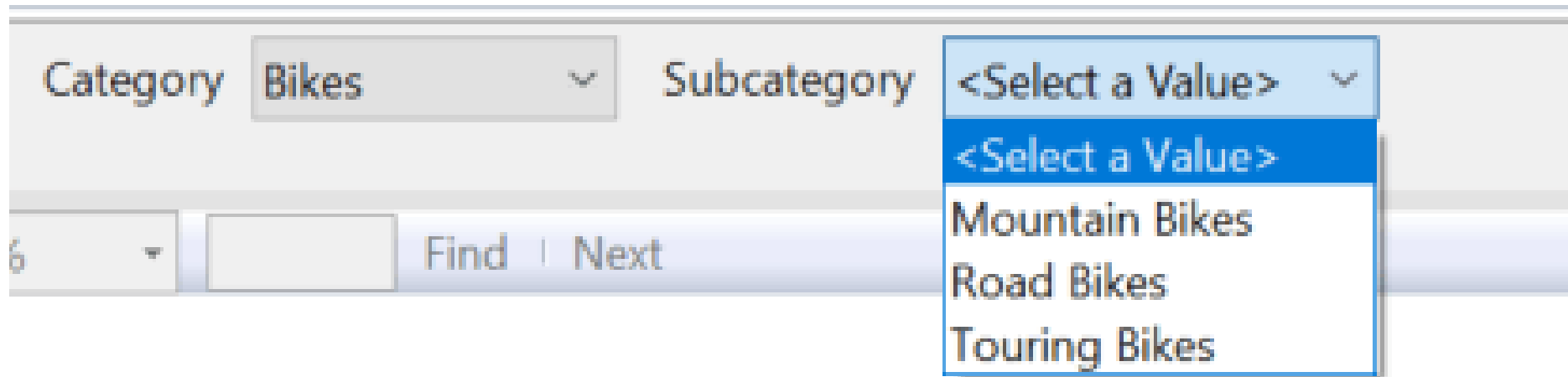
☐ None
☒ Specify values
☐ Get values from a query

Add Delete

Label		Value	
Black	f	Black	f
Blue	f	Blue	f
Grey	f	Grey	f
Multi	f	Multi	f
Red	f	Red	f
Silver	f	Silver	f
Silver/Black	f	Silver/Black	f
White	f	White	f
Yellow	f	Yellow	f

Cascading parameters

- Base one value on another
- Tricky to set up



The screenshot shows a web form with two dropdown menus. The first dropdown, labeled 'Category', has 'Bikes' selected. The second dropdown, labeled 'Subcategory', has '<Select a Value>' selected and is open, showing a list of options: '<Select a Value>', 'Mountain Bikes', 'Road Bikes', and 'Touring Bikes'. Below the dropdowns, there is a search bar with a 'Find' button and a 'Next' button. The search bar contains the number '6'.

Control value on report

- Display parameters
- Handle multiple values

Color Multi, Orange, WI ▾

1 of 1 100%

Product List

Colors chosen: Multi, Orange, White

Product ID	Product Name	Color
709	Mountain Bike Socks, M	White
710	Mountain Bike Socks, L	White
712	AWC Logo Can	Multi