

# Customize look and feel

REPORTS IN POWER BI

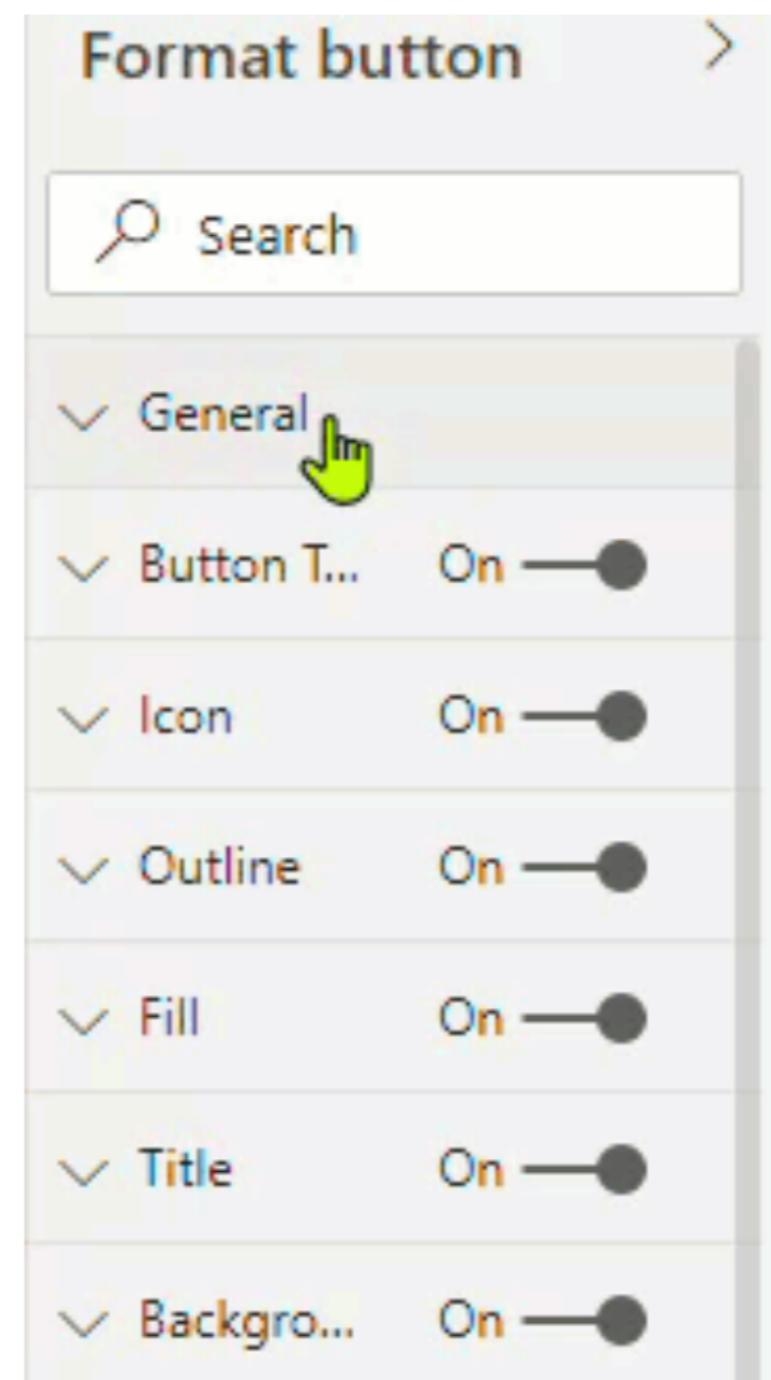


**Maarten Van den Broeck**

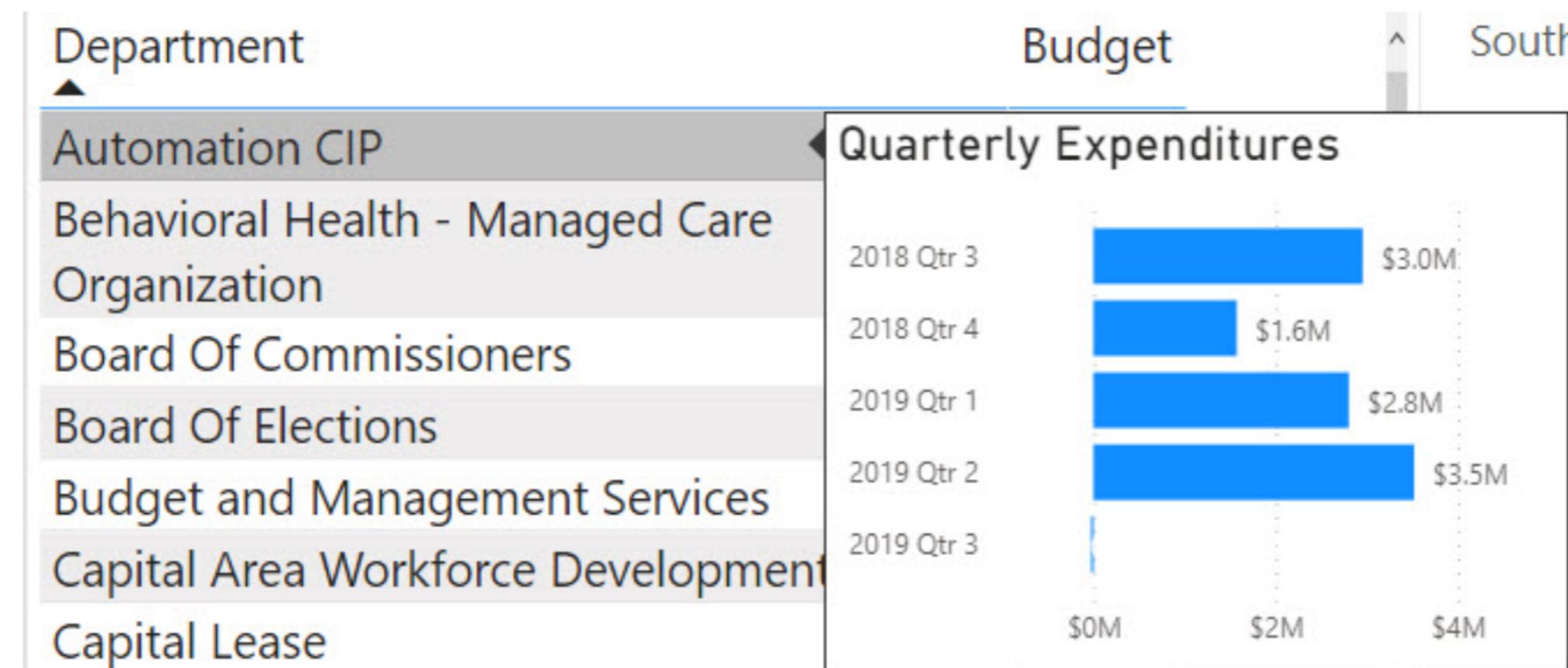
Content Developer at DataCamp

# Button states and styles

- Four states for buttons: default, on hover, on press, disabled
- Can style button text, icon, outline, and fill based on state
- State does not matter for elements like visual header and action



# Custom tooltips



- Power BI page which appears on mouse-over
- Two types: tooltip on item or help tooltip
- NOT interactive

# Unicode symbols and emoji

Department	Budget
CIP	
Program Wide Projects	
Public Libraries CIP	🚫
Public Safety CIP	🚫
Public Safety Communications	💵
Quasi-Governmental	💵
Register Of Deeds	💵
Revenue Department	💵
Sheriff	💵
Solid Waste Enterprise Capital Projects	🚫 ⚠️
Transfers	
Wake County Public School System	🚫
Wake Technical Community College	💵

# Conditional formatting on tables

Conditional formatting options:

- Background color
- Font color
- Data bars
- Icons
- Web URL

Date	Activity	Actual Amount
2018-06-30		
2018-07-02		
2018-07-10		(\$1,640,021)
2018-07-15		
2018-07-25		\$3,019,417
2018-07-26		(\$1,648,442)
2018-07-30		\$8,836,800
2018-07-31		\$87
2018-08-01		
2018-08-02		
2018-08-05		(\$101)

# Edit interactions

Actual Amount by Expenditure

Date	Activity	Actual Amount
2019-08-20		(\$73,497)
2019-08-19		(\$7,437)
2019-08-14		\$0
2019-07-31		\$1,137
2019-07-09		\$13,814
2019-07-08		\$1
2019-06-29		\$10,969
2019-06-27		\$141,277
2019-06-26		\$7,747
2019-06-25		\$90,428
2019-06-23		\$13,347
2019-06-18		\$56,575
2019-06-17		\$230
2019-06-13		\$80,725
2019-06-12		\$9,377
2019-06-11		\$309,046
2019-06-10		\$14,368
Total	1225	\$9,534,261

- Enable or disable cross-filtering between specific visuals
- Filter or highlight certain visuals

# Edit interactions

The screenshot shows a Power BI interface with the following elements:

- Home tab:** Selected in the ribbon.
- Data tab:** Contains icons for Paste, Get data, Excel datasets, Power BI datasets, SQL Server, Enter data, Dataverse, Recent sources, Transform data, Refresh data, New visual, Text box, More visuals, New measure, and Quick measure.
- Table:** A data table titled "Actual Amount by Expenditure" with columns Date, Activity, and Actual Amount. The data is as follows:

Date	Activity	Actual Amount
2019-08-20		(\$73,497)
2019-08-19		(\$7,437)
2019-08-14		\$0
2019-07-31		\$1,137
2019-07-09		\$13,814
2019-07-08		\$1
2019-06-29		\$10,969
2019-06-27		\$141,277
2019-06-26		\$7,747
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Total	1225	\$9,534,261

- Treemap:** A visualization showing hierarchical data. The main categories are "Capital Outlay" (blue) and "Other" (dark blue). "Capital Outlay" has a value of \$4.38M. "Other" has a value of \$3.76M. Below these, there are more detailed segments: "Salary / Benefits" (orange) under Capital Outlay with a value of \$1.19M, and "Con..." (purple) under Other with a value of \$0.2M.

- Allow a treemap to drill down for the entire page or just its own visual
- Prevent "totals" cards from updating as a result of slicers or cross-filters

# Filter or highlight?

The screenshot shows a Power BI report interface. On the left, there is a treemap visualization titled "Actual Amount by Expenditure Type". The main categories are "Capital Outlay" (blue) and "Other" (dark blue). Within "Capital Outlay", the sub-categories are "Salary / Benefits" (\$4.38M) and "Con..." (\$1.19M). Within "Other", the sub-category is "Con..." (\$0.2M). To the right of the treemap is a data grid table with columns: Date, Activity, and Actual Amount. The data shows various dates from August 2019 to June 2019, corresponding activities, and their actual amounts.

Date	Activity	Actual Amount
2019-08-20		(\$73,497)
2019-08-19		(\$7,437)
2019-08-14		\$0
2019-07-31		\$1,137
2019-07-09		\$13,814
2019-07-08		\$1
2019-06-29		\$10,969
2019-06-27		\$141,277
2019-06-26		\$7,747
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# **Let's practice!**

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# Mouse actions and Unicode

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# **Let's practice!**

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