

Design for mobile devices

REPORT DESIGN IN POWER BI



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The importance of mobile layout

8:33 50° ☁ 5G 69%

← 4_4_mobile_layout_solution.d... Over Budget (1 of 3) :

Wake County Watchdog FY 2019 Over Budget \$108.36M Amount Over Budget

Hide Departments

Department	Budget	Contractual Services	Salaries
Automation CIP	\$4,031,088		
Behavioral Health - Managed Care Organization	\$26,350,381		
Board Of Commissioners		\$10,383	\$565,220
Board Of Elections		\$2,062,795	\$1,885,966
Budget and Management Services		\$15,728	\$954,339
Capital Area Workforce Development		\$4,468,932	\$1,163,891
Capital Lease			
City-County Bureau of Identification		\$148,605	\$577,427
Communications Office		\$49,340	\$872,828
Community Capital Projects			
Community Services		\$883,939	\$26,116,923
County Attorney		\$19,246	\$2,632,653
County Building Improvements		\$219,949	
County Manager		\$54,946	\$1,698,854

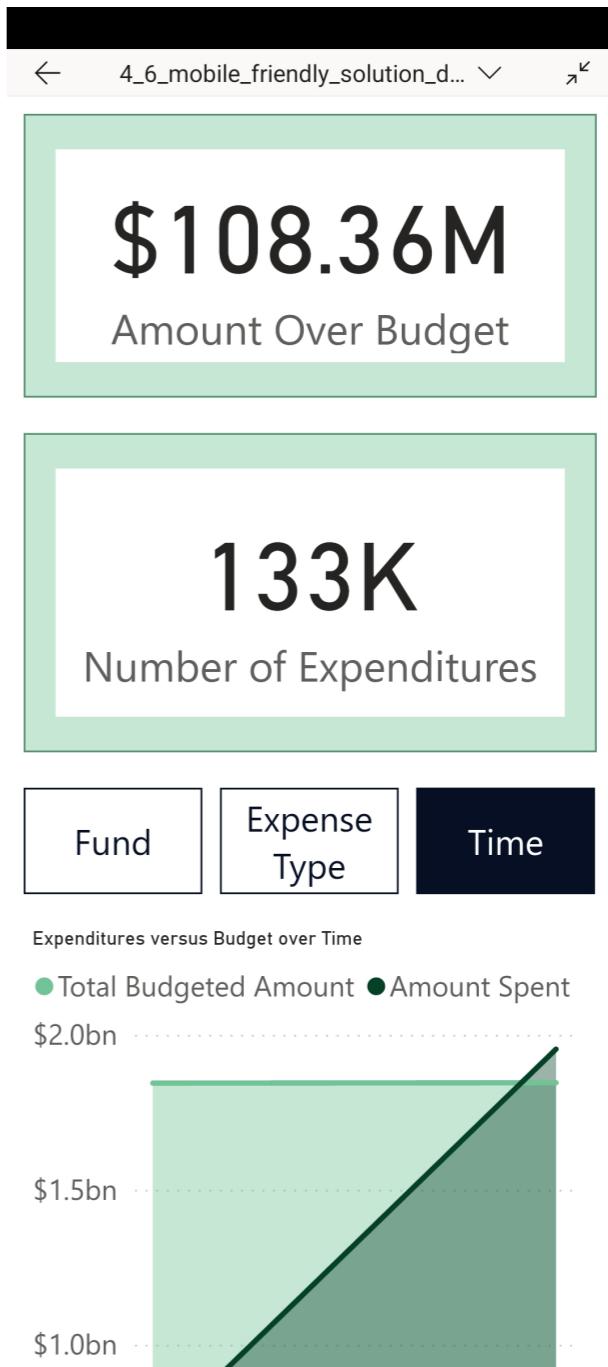
Expenditures over Time Expenditures by Fund Expenditures by Expense Type

Expenditures versus Budget over Time

Total Budgeted Amount • Amount Spent

\$2.0bn
\$1.8bn
\$1.6bn
\$1.4bn
\$1.2bn
\$1.0bn
\$0.8bn
\$0.6bn
2018 2019

Comments Reset Filters Pages More



The mobile layout

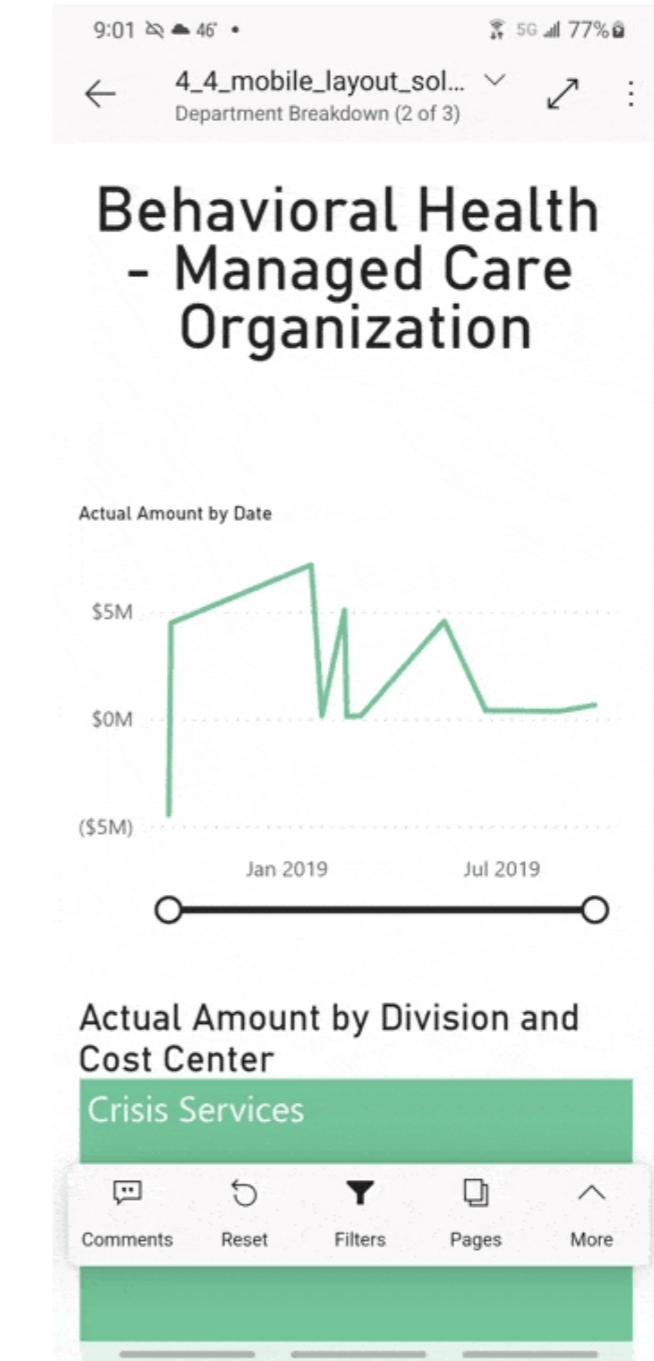
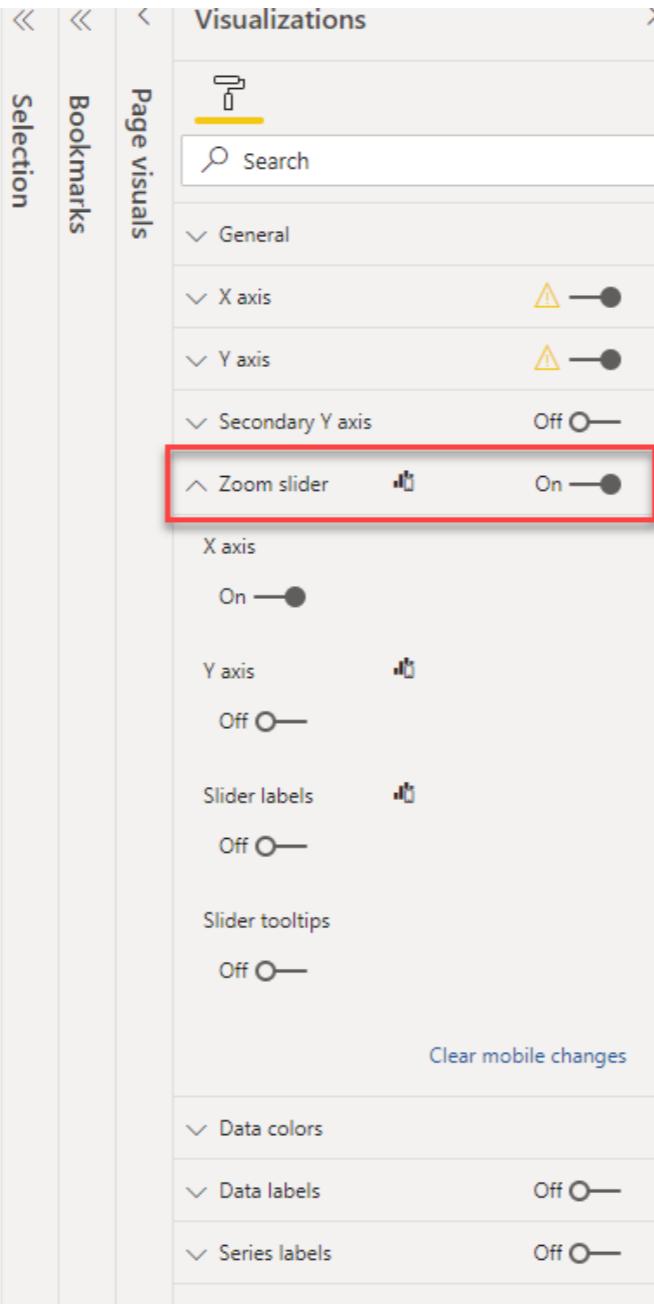
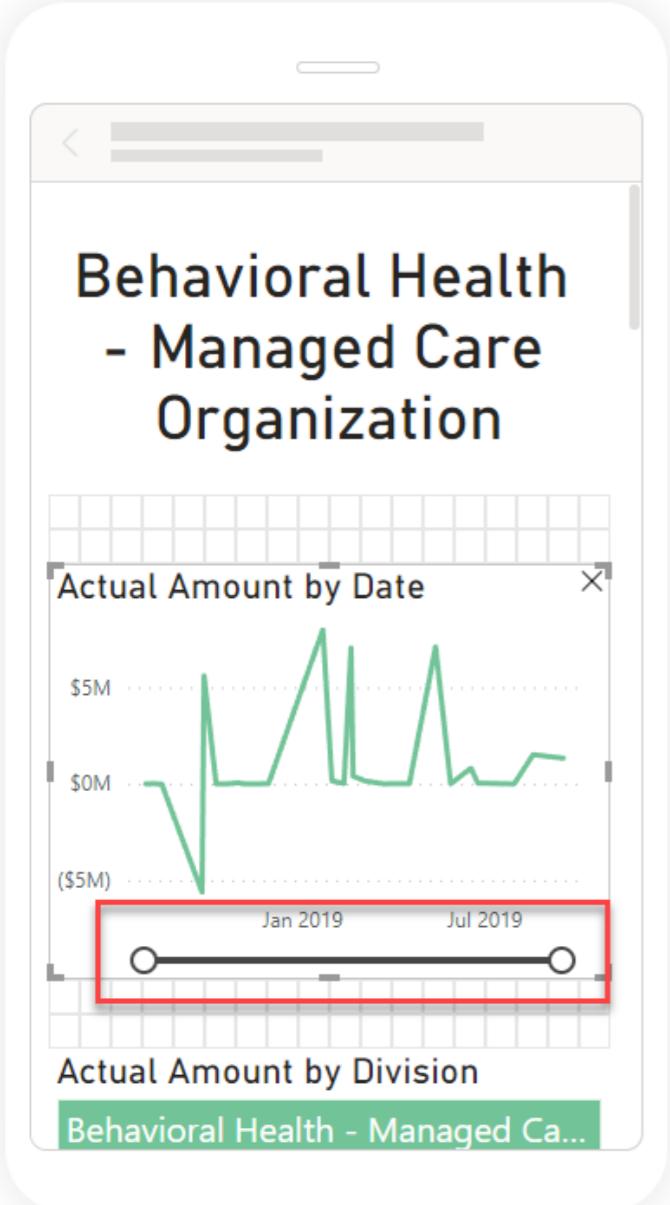
The screenshot shows the Power BI desktop application with the 'Mobile' layout selected. The 'View' tab in the ribbon is highlighted. The 'Mobile' layout icon in the 'Page options' group is also highlighted with a red box. The main canvas displays a mobile phone wireframe with a grid overlay, indicating the layout for mobile devices. The 'Page visuals' pane on the right lists various visual types: Button, Card, Table, and Q&A. The 'Card' visual contains the text 'Fire Tax District Fund' and 'Contractual Services \$23.51M'. The 'Table' visual shows a list of dates and activity counts:

Date	Activity
2018-06-30	
2018-07-08	
2018-07-16	
2018-07-25	
Total	334

The 'Q&A' visual has a tooltip: 'average of costly expenses for firefighters by expenditure line item'.

**Select a visual on the canvas to start formatting.
Your changes will only appear in the mobile layout.**

Zoom sliders



Mobile drillthrough

The screenshot shows a mobile application interface for a Power BI report titled "4_4_mobile_layout_sol...". The top status bar indicates the time as 9:09, battery level at 46%, signal strength, and battery percentage at 79%. The report title is "Over Budget (1 of 3)".

The main content area displays the following information:

Wake County Watchdog
FY 2019 Over Budget
\$108.36M
Amount Over Budget

Department **Budget** **Contractual Services** **Salaries**

Department	Budget	Contractual Services	Salaries
Aeronautics CP	\$0	\$4,011,068	
Behavioral Health - Managed Care Organizations	\$0	\$28,150,381	
Board Of Commissioners	\$0	\$10,363	\$565,220
Board Of Elections	\$0	\$2,062,795	\$1,885,966
Budget and Management Services	\$0	\$15,728	\$954,139
Capital Area Workforce Development	\$0	\$4,468,932	\$1,163,891
Capital Lease	\$0		
City-County Bureau of Identification	\$0	\$148,605	\$5,574,427
Communications Office	\$0	\$49,340	\$872,828
Community Capital Projects	\$0		
Community Services	\$0	\$883,939	\$26,116,231
County Attorney	\$0	\$19,246	\$2,632,653
County Building Improvements	\$0	\$219,949	
County Manager	\$0	\$54,949	\$1,698,654

Dept. Breakdown

Expenditures over Time **Expenditures by Fund** **Expenditures by Expense Type**

Expenditures versus Budget over Time

Total Budgeted Amount: \$2.0Bn
Amount Spent: \$2.0Bn

2014 2015 2016 2017 2018 2019

Comments Refresh Pages

Mobile layout capabilities

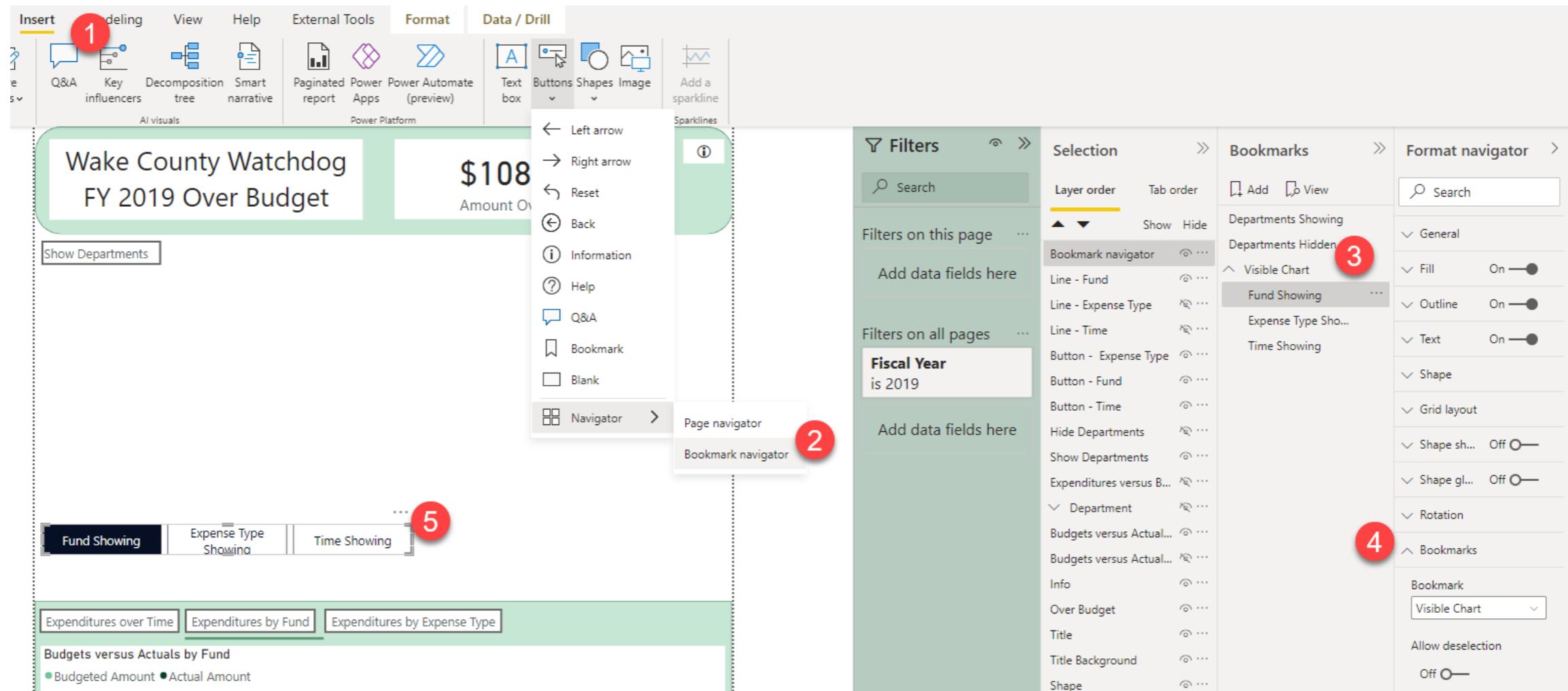
Things you CAN do

- Choose which visuals you wish to display when building the mobile layout
- Drill through to another report page
- Slice data and cross-filter visuals

Things you CANNOT do

- Interact with the mobile layout view
- Add new visuals or shapes
- Display visuals that are hidden on the desktop view

Bookmark navigator



- Show bookmarks as chiclet buttons
- Show all bookmarks or just a group
- Create groups in the Bookmarks tab

Best practices for designing on mobile

1. Prioritize key metrics first

- Avoid more than four metrics
- Summarize display units to save space
- Abbreviate measure names

2. Implement focal point tracking

- Use the Z layout

3. Consider orientation

- Not all visuals look good on mobile and web in the same orientation

Let's practice!

REPORT DESIGN IN POWER BI

Creating a mobile design

REPORT DESIGN IN POWER BI



Maarten Van den Broeck

Content Developer at DataCamp

Let's practice!

REPORT DESIGN IN POWER BI

Congratulations!

REPORT DESIGN IN POWER BI



Jess Ahmet

Content Developer at DataCamp

You've learned a lot

Chapter 1

- Progressive disclosure

Chapter 2

Chapter 2

- Customize themes
- Fonts, colors, filters

Chapter 3

- Mobile devices

**See you in another
course!**

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