

Reports vs. dashboards

REPORTS IN POWER BI



Kevin Feasel
CTO, Faregame Inc

Course pre-requisites

- Data Visualization in Power BI
- Intermediate DAX in Power BI

Dashboards versus reports

Dashboard

- Tells us about critical business or operational metrics, often in real time
- Lacks interactivity
- Single-view

Reports

- Provides an application-like experience for users
- Multiple pages and interactive functionality
- The focus of this course

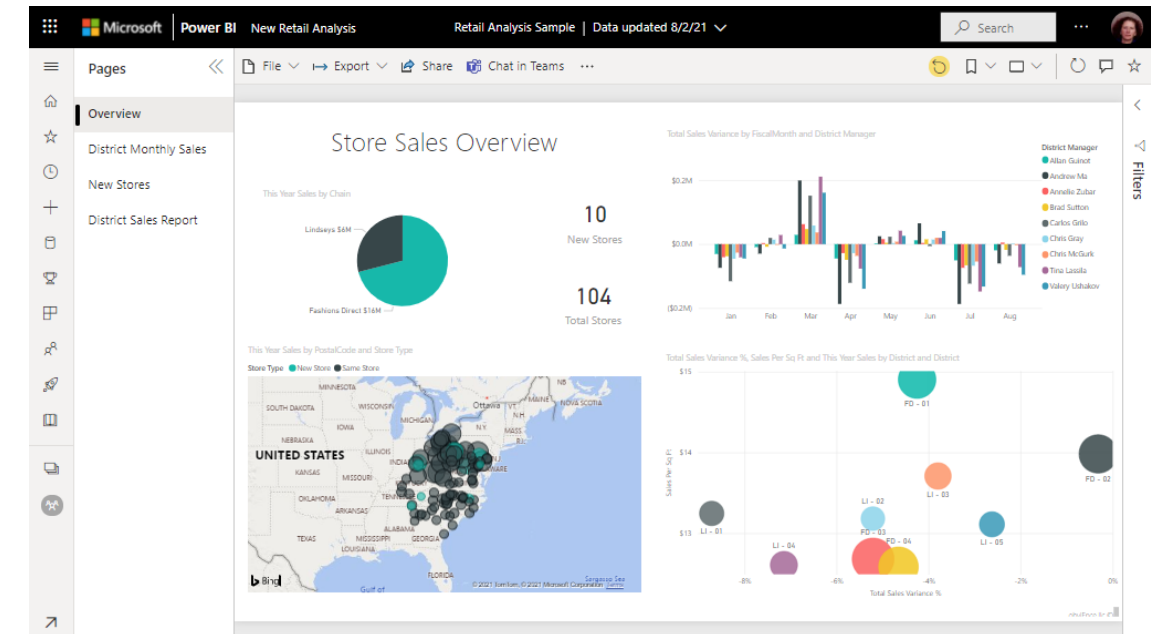
Choosing between dashboards and reports

Choose a dashboard if...



- You need rapid analysis
- Users have limited engagement opportunities

Choose a report if...

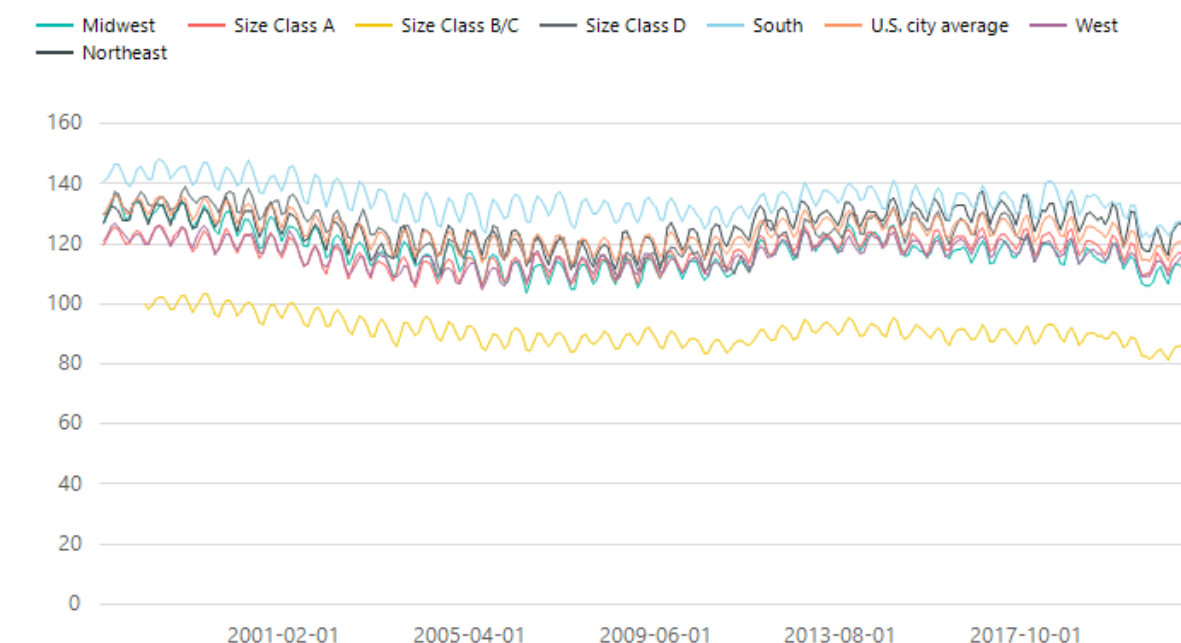


- You need detailed analysis
- Users are primarily on PC and have a keyboard, mouse, and large screen

Paginated reports

- "Pixel-perfect" report intended for the written page
- Created in the Power BI Report Builder

Tracking CPI of Apparel by region over time



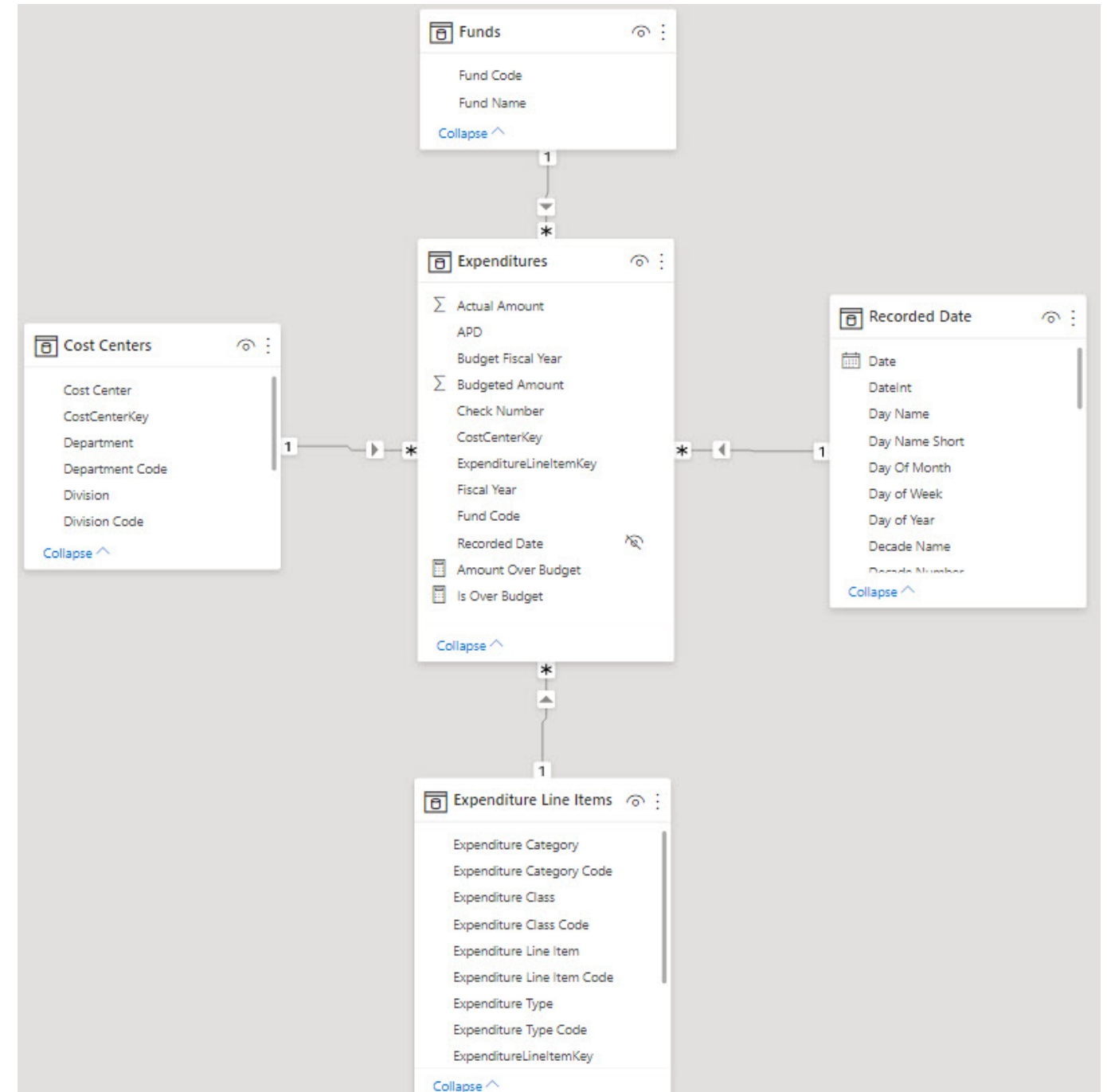
Date	Midwest	Northeast	Size Class A	Size Class B/C	Size Class D	South	U.S. city average	West
1997-01-01	127.00	126.90	119.60		130.10	140.80	129.60	121.00
1997-02-01	130.70	129.80	122.20		129.80	141.90	131.90	122.80
1997-03-01	133.30	132.50	124.50		132.30	144.10	134.50	125.70
1997-04-01	136.40	132.10	125.50		137.30	146.60	136.10	126.80
1997-05-01	135.70	130.90	124.80		136.50	146.40	135.30	125.40
1997-06-01	131.40	128.00	122.00		132.60	143.70	132.40	123.90
1997-07-01	127.70	127.70	120.00		131.40	140.50	130.20	122.40
1997-08-01	129.20	128.10	120.30		130.40	139.10	130.00	120.80
1997-09-01	133.10	133.30	123.20		133.40	140.90	133.00	122.30
1997-10-01	133.80	134.60	124.40		135.20	144.80	134.90	123.30

The end goal

- Multiple pages with drillthroughs, bookmarks, and navigation buttons
- Interactive design: animations, highlighting and states
- Question and Answer capabilities

Wake County watchdog data

- Part of Wake County Open Data
- Tracks budgets and expenditures for Wake County, North Carolina
- Includes fiscal years 2017-2019
 - July 1st - June 30th



Let's practice!

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Increasing report interaction

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