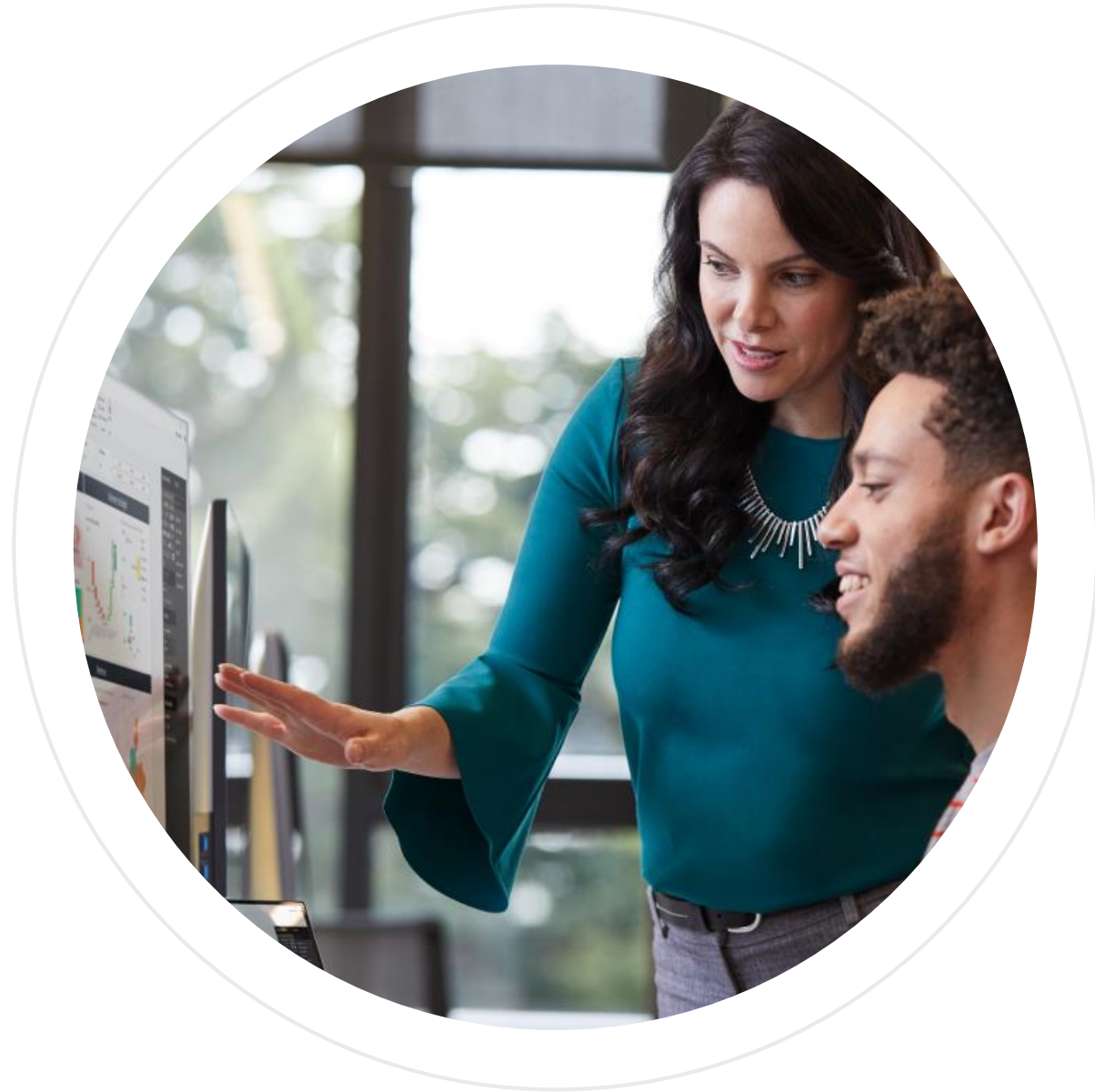


Module 8: Create Dashboards

Mohammed Arif



Learning Objectives

You will learn the following concepts:

- Dashboards
- Real-time Dashboards
- Enhancing Dashboards

Module Agenda



Create a Dashboard



Real-time Dashboards



Enhance a dashboard

Lesson 1: Create a Dashboard



Introduction to Dashboards



A dashboard:

Is a single-page canvas that tells a story through visualizations.

Can draw from multiple reports.

Contains no Filter, Visualization, or Fields pane.

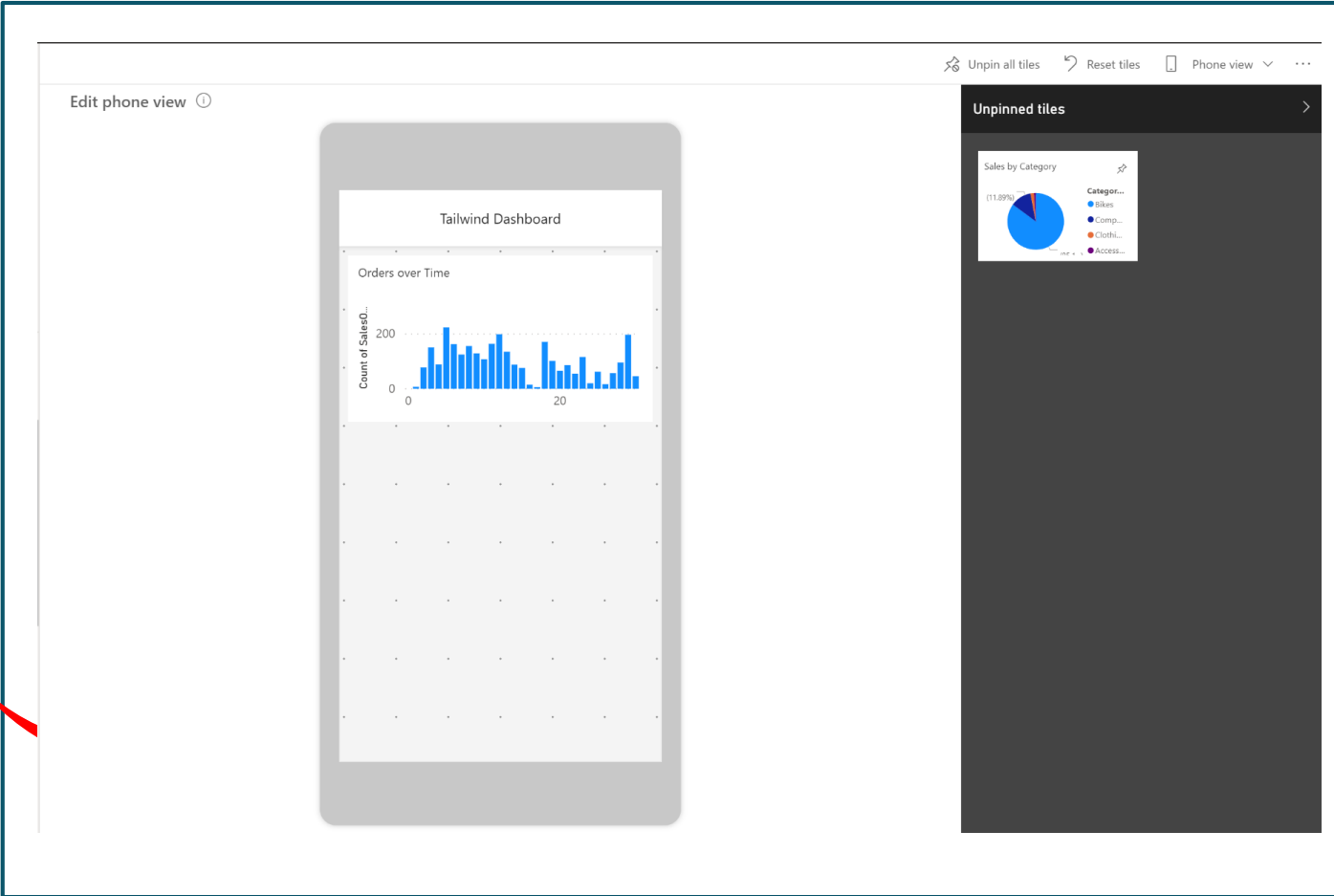
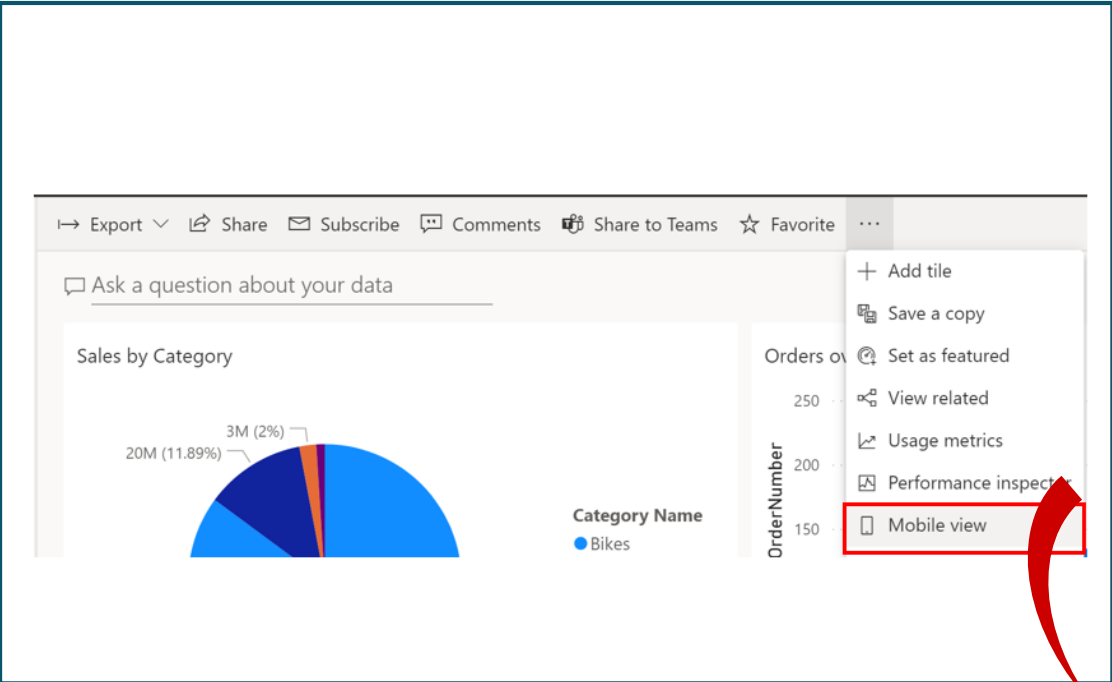
Does not display the underlying dataset.

Add a Dashboard Theme

Create a cohesive picture across dashboards using themes.

The screenshot displays a Power BI dashboard interface. At the top, there is a navigation bar with icons for Export, Share, Subscribe, Comments, Share to Teams, and Favorite. Below this is a search bar with the placeholder text 'Ask a question about your data'. The main content area features a dashboard titled 'Tailwind Sales' with the subtitle 'DIMENSIONS'. A large grey banner with the text 'Tailw' is overlaid on the chart. The chart is a bar chart titled 'Sales by Year' showing 'Sales Amount' (blue bars) and 'March Sales' (dark blue bars). The year 2014 is visible, with a sales amount of 28M. A 'Product Name' filter is set to 'All'. A context menu is open on the right side of the dashboard, listing various actions: Add tile, Save a copy, Set as featured, View related, Usage metrics, Performance inspector, Mobile view, Refresh, and Dashboard theme (which is highlighted).

Set Mobile View



Let your users stay connected wherever they are.

Review Questions

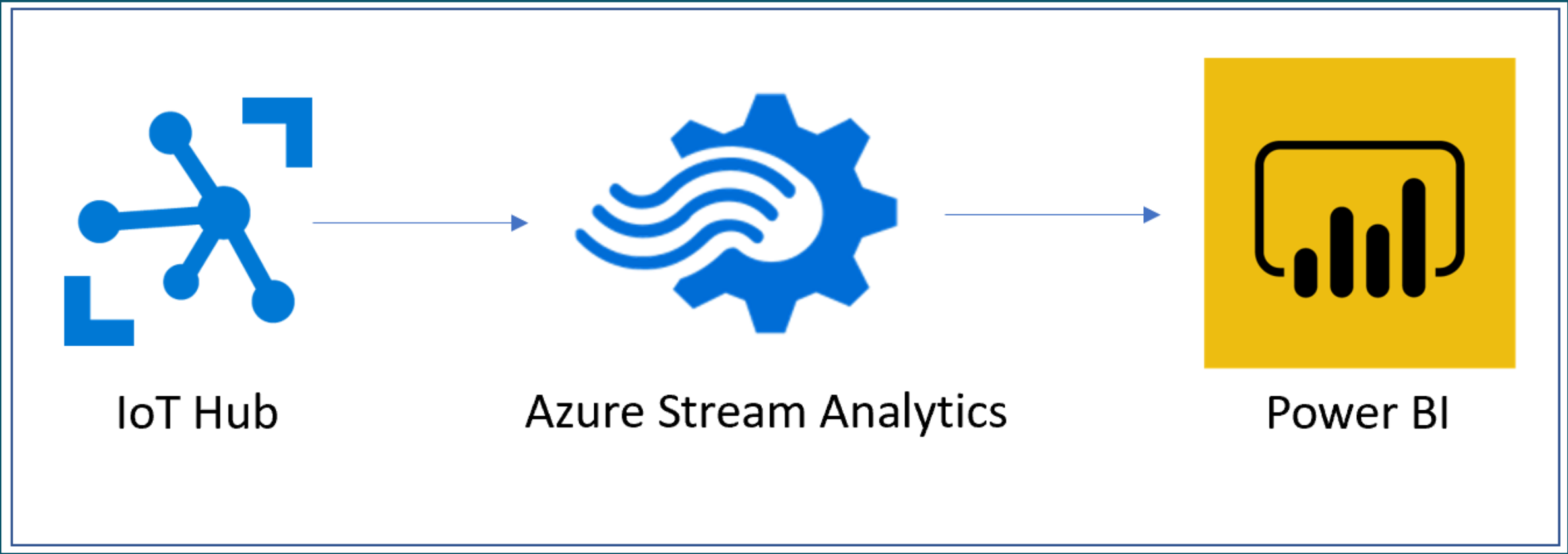
- **Q01 – What is a dashboard?**
 - A01 – A canvas of report elements that can be built in Power BI service.
- **Q02 – What is one way that reports and dashboards differ?**
 - A02 – In reports, you can have multiple pages; in dashboards, you can have only one page.
- **Q03 – Can a dashboard be created from multiple reports?**
 - A03 – Yes, dashboards can be created from multiple datasets or reports.

Lesson 2: Real-time Dashboards



Create a Real-time Dashboards

Stream data and update dashboards as soon as the data is logged.



Pin a Live Report Page to a Dashboard

Ensure the visuals on your dashboard reflect changes live.

The screenshot shows a Power BI report page titled 'Tailwind Sales'. A context menu is open over the report, with the 'Pin a live Page' option highlighted in a red box. A red arrow points from this option to the report page. The report page displays several visualizations:

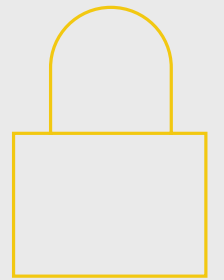
- Sales by Year:** A horizontal bar chart showing sales amounts for 2011, 2012, 2013, and 2014. The x-axis represents Sales Amount (0M to 80M). The y-axis represents Year. Data points: 2014 (28M), 2013 (11M), 2012 (68M), 2011 (19M).
- Sales by Category:** A pie chart showing the distribution of sales across categories: Bikes (146M, 85.11%), Components (3M, 2%), Clothing (20M, 11.89%), and Accessories.
- Table:** A table with columns: ShipDate, OrderQty, # TotalSales, Year, Quarter, Month, Amount, Sales YTD, and Employee. The table lists sales data for various dates in 2012 and 2013.

ShipDate	OrderQty	# TotalSales	Year	Quarter	Month	Amount	Sales YTD	Employee
Thursday, July 3, 2014	274914	1,709,641	2012	Qtr 1	January	6,319,337	6,319,336.81	Guy L
Wednesday, July 2, 2014	274914	1,709,641	2012	Qtr 1	January	6,319,337	6,319,336.81	Kaylie S
Tuesday, July 1, 2014	274914	1,709,641	2012	Qtr 1	January	6,319,337	6,319,336.81	Mike O
Monday, June 30, 2014	274914	1,709,641	2012	Qtr 1	January	6,319,337	6,319,336.81	Pam H
Sunday, June 29, 2014	274914	1,709,641	2012	Qtr 1	January	6,319,337	6,319,336.81	Roy F
Saturday, June 28, 2014	274914	1,709,641	2012	Qtr 1	January	6,319,337	6,319,336.81	Rudy Q
Friday, June 27, 2014	274914	1,709,641	2012	Qtr 1	January	6,319,337	6,319,336.81	Guy L
Thursday, June 26, 2014	274914	1,709,641	2012	Qtr 1	January	6,319,337	6,319,336.81	Kaylie S
Wednesday, June 25, 2014	274914	1,709,641	2012	Qtr 1	January	6,319,337	6,319,336.81	Mike O
Tuesday, June 24, 2014	274914	1,709,641	2013	Qtr 1	January	3,343,782	3,343,781.70	Guy L
Monday, June 23, 2014	274914	1,709,641	2013	Qtr 1	January	3,343,782	3,343,781.70	Kaylie S
Sunday, June 22, 2014	274914	1,709,641	2013	Qtr 1	January	3,343,782	3,343,781.70	Mike O
Saturday, June 21, 2014	274914	1,709,641	Total					

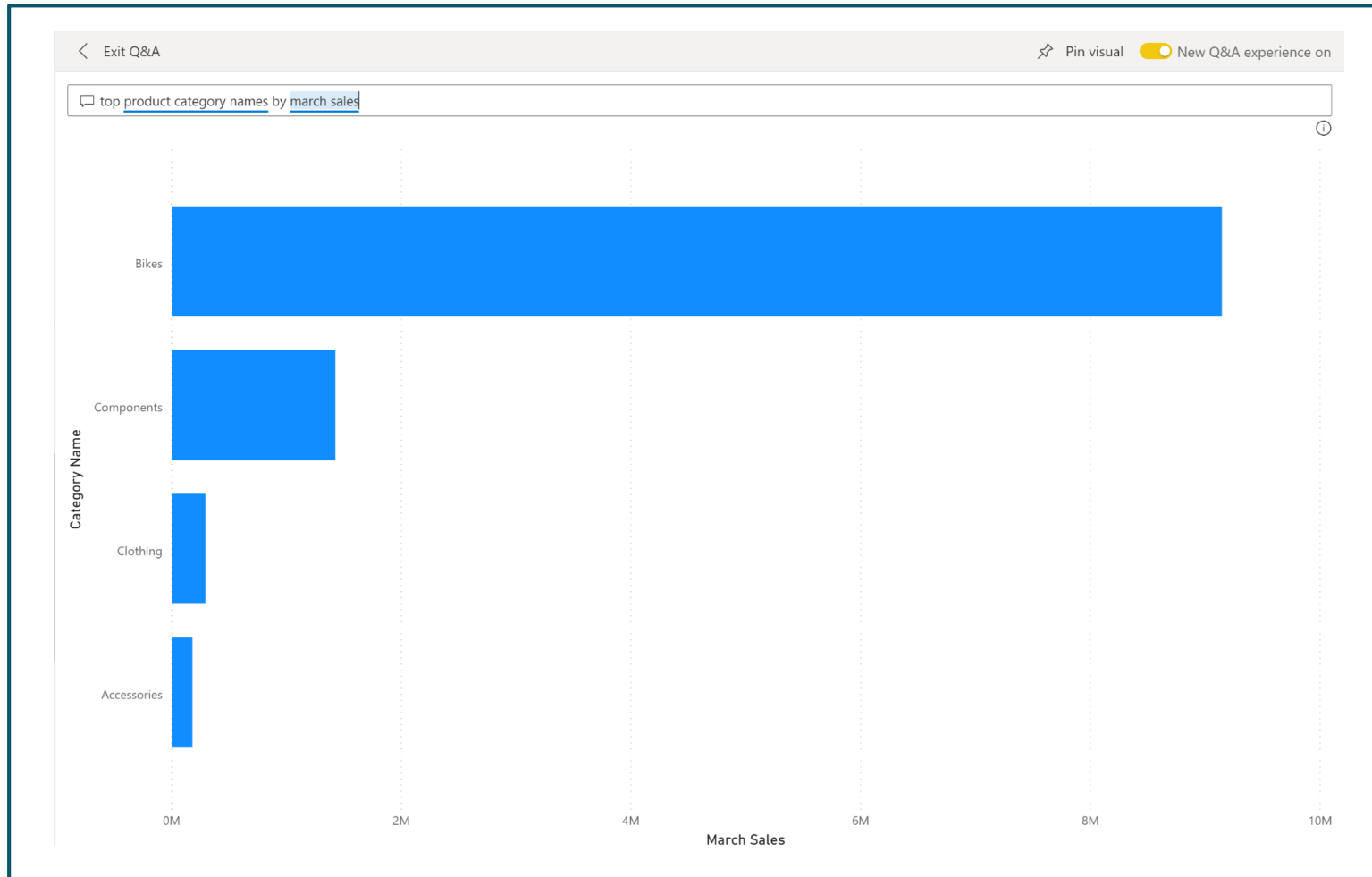
Review Questions

- **Q01 – What is a key benefit of Power BI's real-time streaming capabilities?**
 - A01 – You can stream data and update dashboards as soon as the data is logged.
- **Q02 – Pinning an entire report page to a dashboard ensure what?**
 - A02 – Pinning a page is an easy way to pin more than one visualization at a time. Also, when you pin an entire page, the tiles are live; you can interact with them right there on the dashboard.

Lesson 3: Enhance a dashboard



Explore Data by Asking Questions



Sometimes the fastest way to get an answer from your data is to ask a question using natural language.

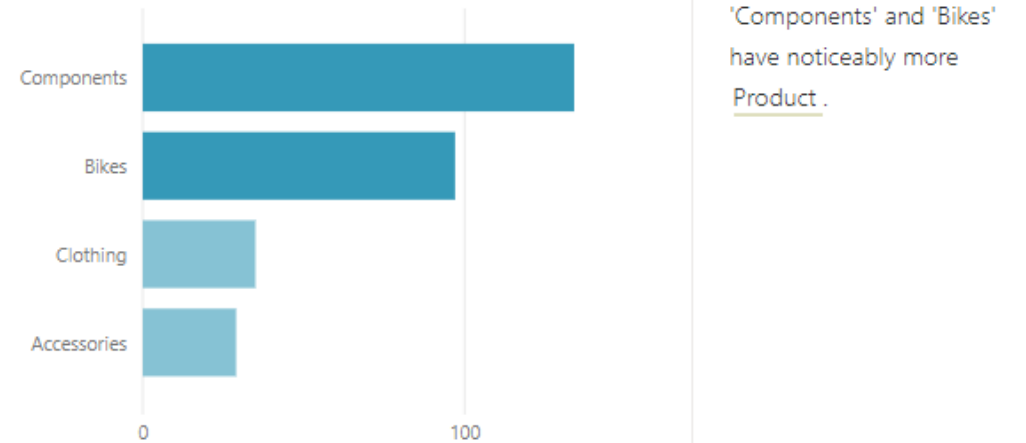
Quick Insights

- Uses Machine Learning algorithms to produce quick insights.
- Uncover insights missed during report construction.
- Generate stimulating visual interactions.

Quick Insights

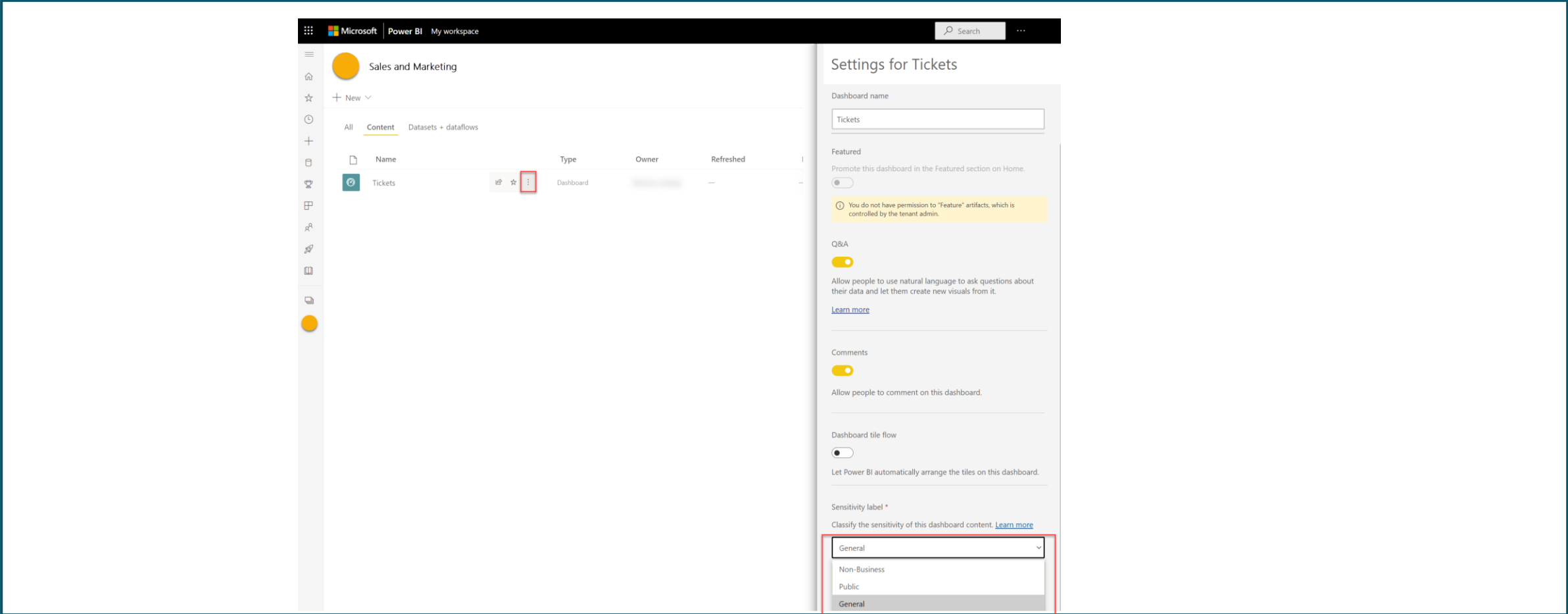
A subset of your data was analyzed and the following insights were found. [Learn more](#)

Count of Product
BY CATEGORY NAME



'Components' and 'Bikes' have noticeably more [Product](#).

Configure Sensitivity Labels



Review Questions

- **Q01 – What feature allows you to ask a natural-language query about the data?**
 - A01 – The Q&A feature.
- **Q02 – What feature in dashboards, reports, and datasets is used to alert consumers to the sensitivity of the data?**
 - A02 – Microsoft Information Protection sensitivity labels.

Lab: Create a Power BI Dashboard

Lab: Create a Power BI
Dashboard



Module Overview

We covered the following concepts:

- Dashboards
- Real-time Dashboards
- Enhancing Dashboards

References

PL-300 Create dashboards in Power BI

<https://docs.microsoft.com/en-us/learn/modules/create-dashboards-power-bi/>

