

# Designing Reports in Power BI Desktop using Bookmarks and Drillthrough



# Agenda

- New Features for Report Design
- Creating Page Navigation Bookmarks
- Using Bookmarks to Capture Data Settings
- Using Bookmarks to Hide and Show Visuals
- Implementing Drillthrough




# Thanks...

BLOG > ANNOUNCEMENTS > FEATURES

## Power BI Desktop January Feature Summary



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 January 8, 2018

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Happy new year to everyone! We are kicking off the new year with an update to Power BI Desktop focused on incremental improvements to popular features you are already using, including automatic date hierarchy, data label and axis formatting, and our relative date slicer. The ability to hide pages is another big update that gives you much more flexibility over how users consume your reports.

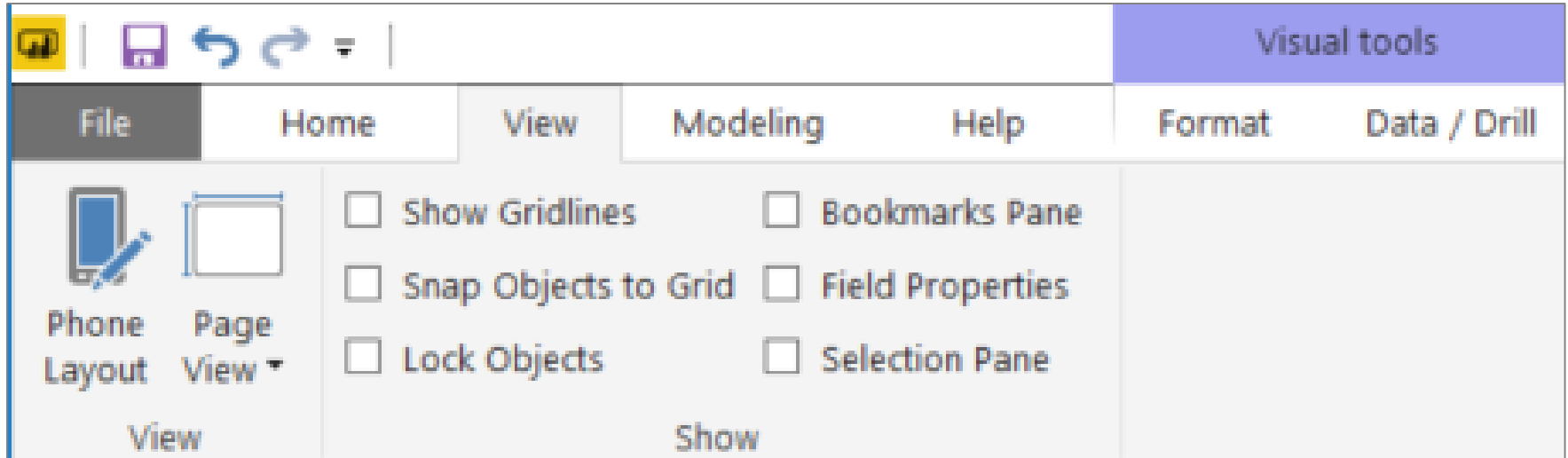
[Download Power BI Desktop](#)

# The Stream of New Reporting Features

- Added in Sept 2017
  - Drillthrough features
- Added in October 2017
  - Bookmarks and Bookmark Linking
  - Selection Pane to Hide/Show Visuals
  - Visual Spotlighting
- Added in November 2017
  - Visual Ordering Control and Lock Objects
- Added in December 2017
  - Cross-highlighting support for bookmarks, Field Pane, Q&A
- Added in January 2018
  - Hide & Show report page tabs



# It's Not Your Father's Power BI Desktop



- **Lock Objects** mode used to prevent accidental moving
- **Bookmarks Pane** used to create and manage bookmarks
- **Field Properties** used to add field description
- **Selection Pane** used to select, order, hide & show visuals



# Lock Objects Mode



# Field Pane



# Selection Pane





# Bookmarks Pane



# What are Bookmarks

- Snapshot of recorded settings
  - The current page
  - Filters
  - Slicers
  - Sort order
  - Drill location
  - Visibility (of an object, using the Selection pane)
  - The focus or Spotlight modes of any visible object
- Foundation for Story telling
  - Reports only – bookmarks not supported in dashboards



Options

GLOBAL

Data Load

Query Editor

DirectQuery

R scripting

Security

Privacy

Updates

Usage Data

Disabling features

Preview features

Auto recovery

CURRENT FILE

Data Load

Regional Settings

Privacy

Auto recovery

Query reduction

Preview features

The following features are available for you to try in this release. Preview features might change or be removed in future releases.

☐ Shape map visual [Learn more](#)

☐ Custom report themes [Learn more](#)

☐ Numeric range slicer [Learn more](#)

☐ Spanish language support for Power BI Q&A [Learn more](#)

☐ Quick measures [Learn more](#)

☐ Custom data connectors [Learn more](#)

☒ Bookmarks [Learn more](#)

☐ Adobe Analytics connector [Learn more](#)

☐ Q&A [Learn more](#)

☐ Show dates as a hierarchy in the fields list [Learn more](#)

OK

Cancel



# New Custom Visuals for 2018

- Custom visuals shipped in Q4 of 2017
  - Text Filter
  - Image Grid
  - Table Heatmap
  - Card Browser
  - Image Timeline
  - Power KPI Matrix
  - PowerApps
  - HTML viewer



# HTML Viewer Control

- Allows you to create a per-item HTML template
  - HTML template created with calculated column & DAX

```
Product HTML Inline Layout =
VAR
    MainDivFormatting = "display:inline-block;float:left;width:248px;height:164px;margin: 8px;"
VAR
    TableFormatting = "font-size:9px;border: 1px black solid;border-radius:4px;margin-bottom: 16px; "
VAR
    ImageCellFormatting = "padding: 4px;background-color:white;width:48px;max-width:48px;border-bottom: 1px solid #CCC;"
VAR
    TitleCellFormatting = "padding: 4px;background-color:white;font-size:14px;line-height:14px;background-color:black;color:white;border-top-left"
VAR
    ImageFormatting = "width:38px;"
VAR
    DescriptionCellFormatting = "padding: 8px;font-size:12px;line-height:16px;background-color:#EEE;color:#333;border-left: 1px solid #888;border"
VAR
    LeftCellFormatting = "padding: 4px;background-color:white;width:48px;max-width:48px;text-align:right;"
VAR
    RightCellFormatting = "padding: 4px;background-color:white;font-weight:bold;padding-right:16px;background-color:lightyellow;width:200px;borde"
RETURN
"<div style='" & MainDivFormatting & "' >" &
    "<table style='" & TableFormatting & "' >" &
        "<tr><td colspan='2' style='" & TitleCellFormatting & "'>" & [Product] & "</td></tr>" &
        "<tr><td style='" & ImageCellFormatting & "'><img src='" & [Product Image] & "' style='" & ImageFormatting & "' /></td>" &
            "<td style='" & DescriptionCellFormatting & "' >" & [Description] & "</td></tr>" &
        "<tr><td style='" & LeftCellFormatting & "' >List Price:</td><td style='" & RightCellFormatting & "' >" & [ListPrice] & "</td></tr>" &
        "<tr><td style='" & LeftCellFormatting & "' >Category:</td><td style='" & RightCellFormatting & "' >" & [Category] & "</td></tr>" &
        "<tr><td style='" & LeftCellFormatting & "' >Subcategory:</td><td style='" & RightCellFormatting & "' >" & [Subcategory] & "</td></tr>" &
    "</table>" &
"</div>"
```

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```



- demo

#### Category

- ☒ Action Figures
  - ☒ Cute and Huggable
  - ☐ Tough Guys
- ☐ Arts and Crafts
  - ☐ Drawing
  - ☐ Painting
- ☐ Remote Control Vehicles
  - ☐ Boats
  - ☐ Cars
  - ☐ Helicopter
  - ☐ Planes
  - ☐ Trucks

#### Black Power Ranger Action Figure



A particularly violent action figure for violent children.

List Price:

7.5

Category:

Action Figures

Subcategory:

Cute and Huggable

#### Green Angry Bird Action Figure



A funny looking green bird that really hates pigs.

List Price:

4.95

Category:

Action Figures

Subcategory:

Cute and Huggable

#### Perry the Platypus Action Figure



A platypus who plays an overly intelligent detective sleuth on TV.

List Price:

21.95

Category:

Action Figures

Subcategory:

Cute and Huggable

#### Phineas and Ferb Action Figure Set



The dynamic duo of the younger generation.

List Price:

19.95

Category:

Action Figures

Subcategory:

Cute and Huggable

#### Red Angry Bird Action Figure



A funny looking red bird that also hates pigs.

List Price:

14.95

Category:

Action Figures

Subcategory:

Cute and Huggable

#### Twitter Follower Action Figure



An inexpensive action figure you can never have too many of.

List Price:

1

Category:

Action Figures

Subcategory:

Cute and Huggable

#### Woody Action Figure



The lovable, soft-spoken cowboy from Toy Story.

List Price:

9.95

Category:

Action Figures

Subcategory:

Cute and Huggable



# Bookmarks as a Slide Show





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# Bookmark Types

- Data
  - Filtering, slicers
- Visual
  - Hide/show and spotlighting



# Creating Buttons to Link to Bookmarks

- Bookmarks for shapes and images



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