The Bookmark Killer

- Mastering When and How to Use Bookmarks in Power BI Reports

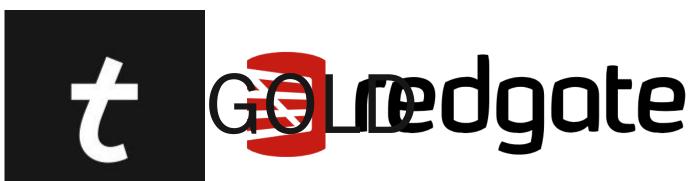


Data Saturday - Denmark

David Kofod Hanna

Sponsors















David Kofod Hanna



Senior Advisor, Data Storytelling @ twoday

+200 courses as Academy Trainer and a decade as consultant Certified Tabular Editor 3 Trainer, DP-600, PL-300, CPUX-F



Passionate about guiding self-service Power Bl

developers for more enterprise manageable concepts in a consumable and practical way



Born on beautiful "Sunshine island": Bornholm

Lives in Silkeborg with wife and 3 kids Love football and running half-marathons



twoday

How many have created **bookmarks** in Power BI Desktop?



How many have **created**+20 bookmarks in a single
Power BI **Report**?



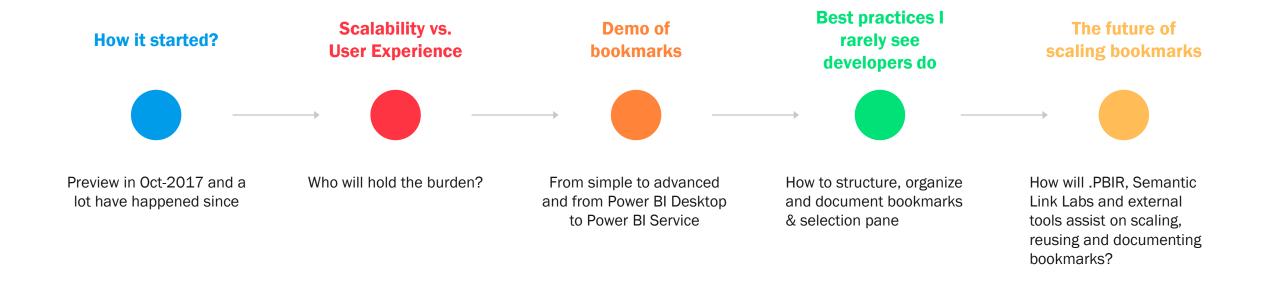
How many have **received** a report with **+20 bookmarks**?





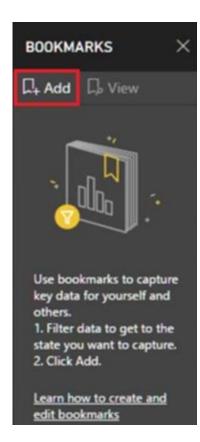
The Bookmark Killer:

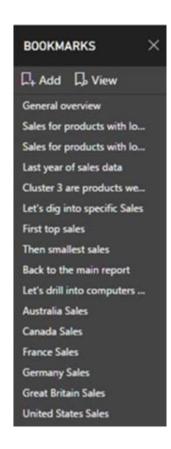
Mastering When and How to Use Bookmarks in Power BI Reports



How it started?

Preview in October 2017 and GA in March 2018









This month we are very excited to share one of our most anticipated features from the Microsoft Data Insights Summit: Bookmarking. Combining bookmarking with some of our other recently released features such as drillthrough and what if gives you powerful storytelling capabilities and lets you create highly interactive reports. We also have some more visual improvements and a big update to our quick measures feature this month.

Download Power BI Desktop

Here's the complete list of October updates:

Reporting

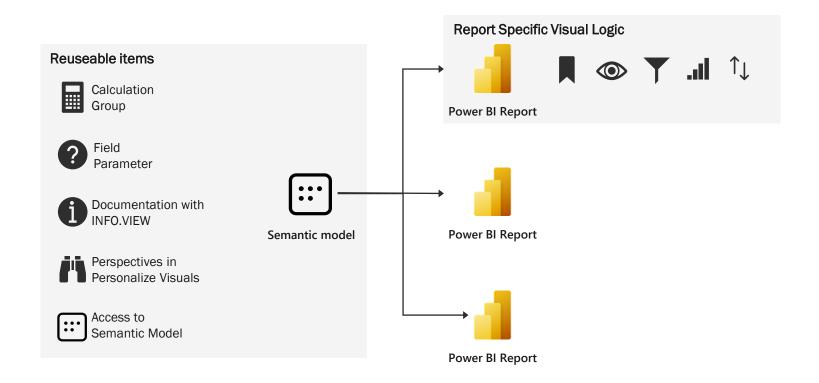
- Bookmarking (preview)
- Selection pane and visual display controls
- Bookmark links for shapes and images (preview)
- Spotlight
- Scatter & bubble markers
- Increase the number of data points shown in scatter charts

"Be kind to your future self"

... but my main focus is to <u>enhance the user experience</u> for the end-users consuming the report, which is why I am willing to carry the **"report developer burden"**

- Scalability vs. User Experience

... because let's face it, it's difficult to reuse and scale bookmarks



... BUT we still need Bookmarks – but let's see how we can determine how and when



Hello, community,

As we enter the new year, I am committed to reviewing bookmarks and defining a plan for future improvements. I would appreciate your participation in two simple tasks:

- 1. Comment below on the most common things you use bookmarks for and the most painful points in those scenarios.
- 2. Re-post and share this message to reach as many people as possible. Your participation will help shape the future of Power Bl.

BOOKMARKS

Customer Feedback



CON You and 290 others

112 comments · 77 reposts

Demo

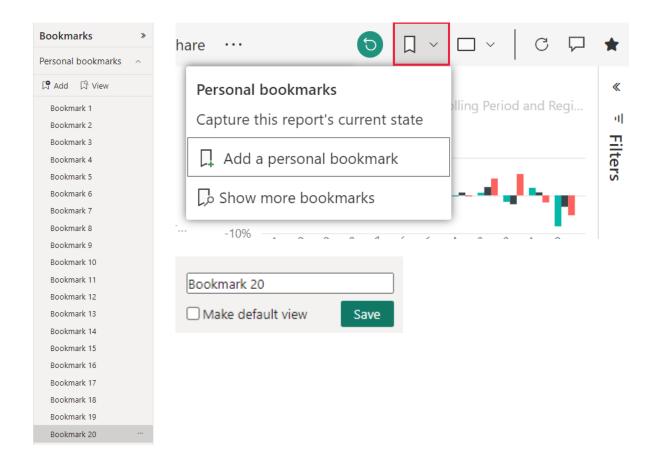
Use bookmarks wisely

Especially for enterprise and business critical reporting – and especially if developed by others and a less experienced need to maintain it – **remember Total Cost of Ownership**

Need	Recommend use of Bookmarks?	Consider *	Comment
Reset slicers	×		Action type reset slicer or in PBI Service "Reset to Default"
Reset slicers with predefined selections	?		Consider users can utilize personal bookmarks and above
Documentation info	?	<u> </u>	INFO.VIEW documentation vs. guided tour on UI and features
Switch measures	×		Field Parameters
Switch attributes	×		Field Parameters
Switch sort order	3		Manual sort by on visual, sort by measure or Calculation Groups
Soft RLS on KPI's field parameter	?	<u> </u>	Added TCO when adding RLS – remember test and validation
Slideshow	X		Use PowerPoint Integration and upcoming annotations
Go to a page with a predefined filter	?		Consider drill-through
Slicer Panel		1	Only way to create this of expand/collapse is via bookmarks
Switch visualizations	e		Way better than personalize visuals, but what about Explore visual or Power BI
Save slicer and filter selection	*		Personal Bookmarks in Power BI Service, but beware of avoiding removing report from app or unpublishing app

- Enterprise vs. Self-Service
- Expected lifetime of report (Ad-hoc vs. business critical)
- Are you delivering a data product with storytelling?
- Number of report consumers
- Number of report developers
- Competency of report developer
- Competency of report consumers
- Competency of maintainer of the report i.e. part of project handover
- New feature requests or changes in data/report?
- Internal or external shared to customers
- Embedding / SaaS solution / Power BI Service

Personal Bookmarks in Power BI Service



⚠ Warning

When you unpublish an app or remove a report and update the app, app report consumers lose their personal bookmarks – even if you republish the app later or add the report back into the app



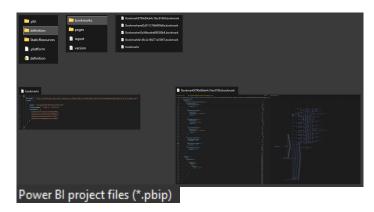
Peek a boo



Can you duplicate a report page where **bookmarks** are copied as well...

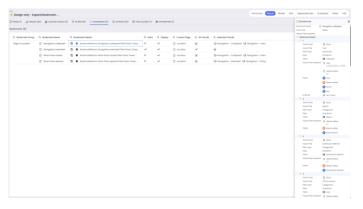


.PBIR



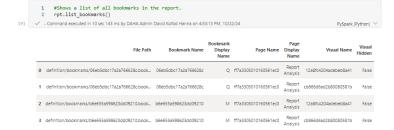


Powerops

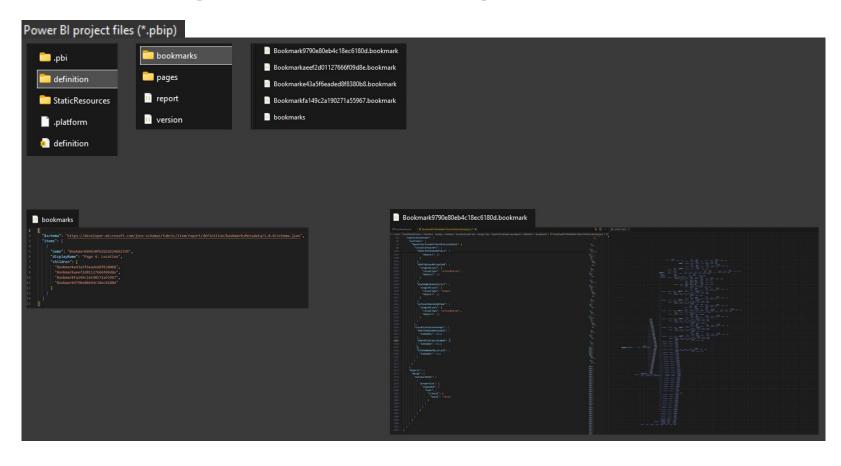




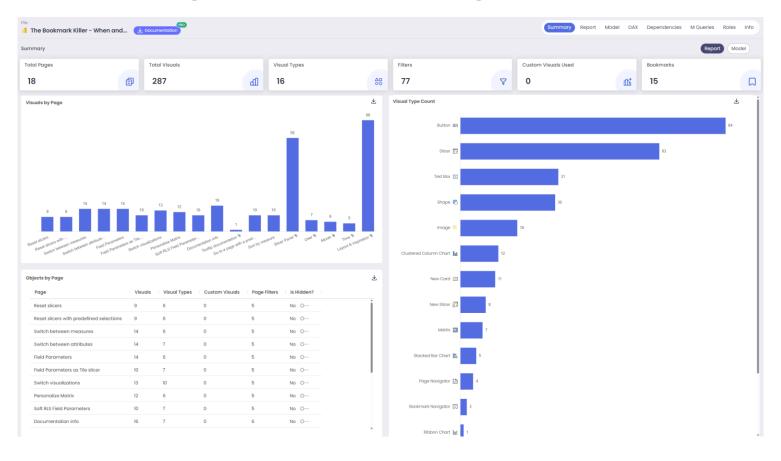
Semantic Link Labs in Fabric













Visual Type

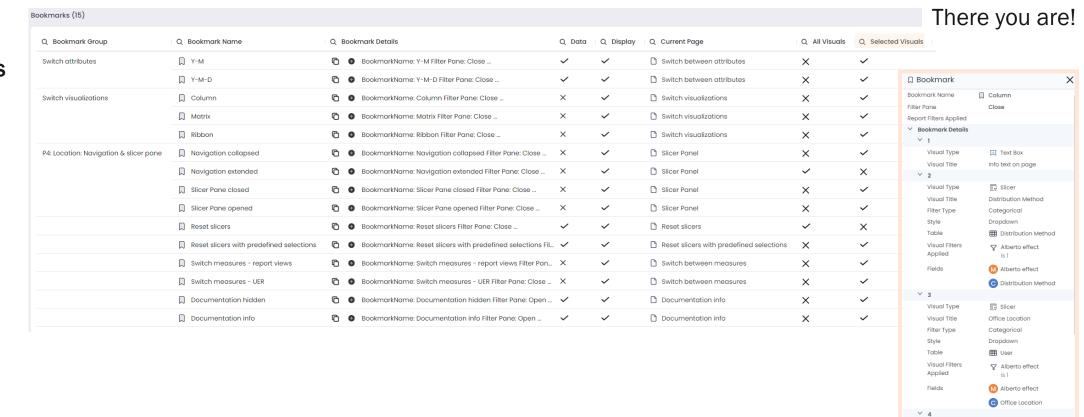
Visual Title

✓ 5

■ Button



Powerops





list visuals()

Semantic Link Labs in Fabric

list bookmarks() list custom visuals() list page filters list_pages() list report filters list report level measures() list_semantic_model_objects() list visual filters list visual interactions() list_visual_objects

1 #Shows a list of all bookmarks in the report. 2 rpt.list_bookmarks() [9]

- Command executed in 10 sec 143 ms by DAHA Admin David Kofod Hanna on 4:53:13 PM, 10/22/24 PySpark (Python) V

	File Path	Bookmark Name	Bookmark Display Name	Page Name	Page Display Name	Visual Name	Visual Hidden
0	definition/bookmarks/06eb5dbc17a2a766628c.book	06eb5dbc17a2a766628c	Q	ff7a3305010160561ec0	Report Analysis	12a8fc4204adebeb8a41	False
1	definition/bookmarks/06eb5dbc17a2a766628c.book	06eb5dbc17a2a766628c	Q	ff7a3305010160561ec0	Report Analysis	cb866d6ad2b80080581b	False
2	definition/bookmarks/b6e655a598623dd09210.book	b6e655a598623dd09210	М	ff7a3305010160561ec0	Report Analysis	12a8fc4204adebeb8a41	False
3	definition/bookmarks/b6e655a598623dd09210.book	b6e655a598623dd09210	М	ff7a3305010160561ec0	Report Analysis	cb866d6ad2b80080581b	False

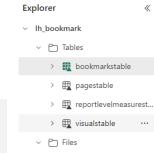


There you are!



Semantic Link Labs in Fabric





⊞	ABC File Path	ABC Bookmark Name	ABC Bookmark Display Na	ABC Page Name	ABC Page Display Name	ABC Visual Name	0/1 Visual Hidden
79	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	0e858e1f923536e42803	False
80	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	78686dae01c62af9486e	False
81	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	c234c0125a2ab993bda2	False
82	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	d2b61e7af612bd54fd84	False
83	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	e5bd27162e33d3153485	False
84	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	95b9dca958b876c566b9	False
85	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	5984160fd57ed5b499db	False
86	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	a099885f50f257a82d00	False
87	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	30dcc7b03a2886ea7cd0	False
88	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	96d0ec6f490fdd2ddf97	False
89	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	bd3060cfd931d4c139c6	False
90	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	3da401293d10a390bb49	False
91	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	7289bdfdb6e39d07cd90	False
92	definition/bookmarks/cad	cad63c7455eecd92a637	Documentation hidden	9fece34aa68927a760cd	Documentation info	017c1b9f7db1756175e3	False
93	definition/bookmarks/e54	e54fc0a29bc83595c0c9	Reset slicers with predefin	a20fb1fde3ecfdda0ea3	Reset slicers with predefin	79997ef3bd2bb1268f85	False
94	definition/bookmarks/e54	e54fc0a29bc83595c0c9	Reset slicers with predefin	a20fb1fde3ecfdda0ea3	Reset slicers with predefin	f796735ec844e6545132	False
95	definition/bookmarks/e54	e54fc0a29bc83595c0c9	Reset slicers with predefin	a20fb1fde3ecfdda0ea3	Reset slicers with predefin	0e335cc3d2f2a0da4217	False
96	definition/bookmarks/e54	e54fc0a29bc83595c0c9	Reset slicers with predefin	a20fb1fde3ecfdda0ea3	Reset slicers with predefin	1f656fc7566e9a54001d	False
97	definition/bookmarks/e54	e54fc0a29bc83595c0c9	Reset slicers with predefin	a20fb1fde3ecfdda0ea3	Reset slicers with predefin	1b18abc56603b5c6cca2	False
98	definition/bookmarks/e54	e54fc0a29bc83595c0c9	Reset slicers with predefin	a20fb1fde3ecfdda0ea3	Reset slicers with predefin	d42c4b58cb7acac713b6	False
99	definition/bookmarks/e54	e54fc0a29bc83595c0c9	Reset slicers with predefin	a20fb1fde3ecfdda0ea3	Reset slicers with predefin	b29c5c7097a1a1944fc9	False
100	definition/bookmarks/e54	e54fc0a29bc83595c0c9	Reset slicers with predefin	a20fb1fde3ecfdda0ea3	Reset slicers with predefin	a544984ce5070bddcfbc	False
101	definition/bookmarks/e54	e54fc0a29bc83595c0c9	Reset slicers with predefin	a20fb1fde3ecfdda0ea3	Reset slicers with predefin	74fccbebe29f4d986b29	False
02	definition/bookmarks/59e	59e44f85b08ebc591afc	Matrix	96c31fdc811cd14c72fb	Switch visualizations	6726a6532c9fabd94fe6	False
103	definition/bookmarks/59e	59e44f85b08ebc591afc	Matrix	96c31fdc811cd14c72fb	Switch visualizations	c7337a24c4bb525b94d6	False
104	definition/bookmarks/59e	59e44f85b08ebc591afc	Matrix	96c31fdc811cd14c72fb	Switch visualizations	a9df2def9efdcc6f53c2	False

"Be kind to your future self

— and the next person who takes over your report."

Resources to study more

- https://www.linkedin.com/posts/nicholas-lea-trengrouse_powerbi-datavisualization-userexperience-ugcPost-7244954155121786880-RvzS/ by Nicholas Lea Trengrouse
- Mastering Power BI Bookmarks by Guy In A Cube
- Sorting a matrix by a calculation item column by Bernat Agulló Roselló
- https://spilledgraphics.com/power-bi-graphics/ by Carlos Barboza
- A new approach for dynamic Power BI visuals? by Guy In A Cube
- https://www.linkedin.com/posts/injae-park_powerbi-businessintelligence-dataanalyst-activity-7236705203574501376-mYdY by Injae Park
- Master Power BI Bookmarks & Layer Grouping to Create Next-Level Uls! by Next Level Power BI Reports
- https://powerbi.microsoft.com/en-us/blog/power-bi-desktop-october-2017-feature-summary/
- https://powerbi.microsoft.com/da-dk/blog/announcing-personal-bookmarks-in-the-power-bi-service/
- https://semantic-link-labs.readthedocs.io/en/stable/sempy_labs.report.html
- https://www.linkedin.com/pulse/introducing-bookmark-killer-david-kofod-hanna-90quf/ by David Kofod Hanna

Thank you!



