Bitwise Solutions

Power BI Paginated Reports

Singapore SQL PASS Chapter Meetup

Peter Myers

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Presenter introduction

Peter Myers

Principal at Bitwise Solutions

BBus, SQL Server MCSE, Data Platform MVP (since 2007)

Experienced in designing, developing and maintaining Microsoft database platform solutions (since 1997)

Focuses on consulting, mentoring and training

Based in Melbourne, Australia

peter.myers@bitwisesolutions.com.au

http://www.linkedin.com/in/peterjsmyers

Presentation outline

- Paginated reports
- Design reports
- User experience
- When to use paginated reports
- Migrate SSRS reports
- Resources

Paginated reports

Paginated reports

- **Power BI paginated reports** are optimized for printing, or PDF generation
- They provide you with the ability to produce highly formatted, pixel-perfect layouts
- They are:
  - Based on SQL Server Reporting Services (SSRS) Report Definition Language (RDL) reports
  - Ideal for operational reports like sales invoices
  - Developed using Power BI Report Builder
- You can refer to these reports as *pixel-perfect reports*

Paginated reports

Compared to Power BI reports

- **Power BI reports** are optimized for exploration and interactivity
- They present your data using a comprehensive range of ultra-modern visuals
- They are:
  - Ideal for analytic reports, enabling your report users to explore data, and to discover relationships and patterns
  - Developed in the Power BI service, or Power BI Desktop
- You can refer to these reports as *interactive analytic reports*

Power BI vs paginated

Paginated reports

Licensing

- Reports are developed on the desktop using Power BI Report Builder, and this tool is free
- Power BI paginated reports must be published to a workspace on dedicated capacity
  - The **Paginated reports** workload must be enabled
  - The paginated reports workload is available on:
    - Premium P1-P3 SKUs
    - Azure A4-A6 SKUs—for embed or test/dev scenarios only
- Except for the personal workspace, a **Power BI Pro** license is required to publish

Design reports

Design reports

- Report Builder
- Retrieve data
- Parameters (both kinds)
- Data visualization
- Interactivity
- Publication

User experience

User experience

- Consume
- Embed
- Deliver

When to use paginated reports

When to use paginated reports

20 compelling reasons

- Print-ready
- Choice of render formats
- Precision layout
- Dynamic layout
- Render-specific layout
- Per-user layout
- Native queries
- Graphical query designers
- Static datasets
- Data integration
- Parameterization
- Image data
- Custom code
- Flexible grid layouts
- Spatial data types
- Modern gauges
- HTML rendering of text
- Mail merge reports
- Interactivity features
- Subscriptions

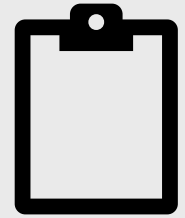
Migrate SSRS reports

Migrate SSRS reports

- It is possible to migrate SSRS RDL reports to Power BI
  - It is not possible to migrate KPIs or mobile reports
- You can use the unofficial RDL Migration Tool
  - Checks for unsupported features
    - Shared data sources, shared datasets, report drillthrough, report parts
  - Converts shared data sources and datasets
  - Publishes reports (that pass checks)
- Or, you can open RDL files in Paginated Report Builder to adjust and publish

Questions?

Resources



Paginated reports in Power BI: FAQ
https://docs.microsoft.com/power-bi/paginated-reports/paginated-reports-faq

Power BI guidance docs
https://docs.microsoft.com/power-bi/guidance/

When to use paginated reports in Power BI
https://docs.microsoft.com/power-bi/guidance/report-paginated-or-power-bi

Supported data sources for Power BI paginated reports
https://docs.microsoft.com/power-bi/paginated-reports/paginated-reports-data-sources

Migrate SQL Server Reporting Services reports to Power BI
https://docs.microsoft.com/power-bi/guidance/migrate-ssrs-reports-to-power-bi

Resources

Online course

There’s an online course, free of charge!

Check out all 24 videos, including bonus content and a **self-study kit**

https://aka.ms/priad-online-course

Resources

Virtual training

Bitwise Solutions

We offer a comprehensive range of Power BI training courses

Power BI for the Data Consumer
Power BI for the Business User
Power BI for the Business Analyst
Power BI for the Paginated Report Author
Power BI for the Developer

https://www.bitwisesolutions.com.au/training

Virtual training—is an option too! ☺

Resources

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Thank you for watching! ☺

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