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PowerBI

Enterprise Project Server 2016
and Project Online Reporting

Presented by

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PRINCE2-Trainer, Scrum Certified Trainer, Microsoft Certified Trainer, ZED Master Trainer)

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Although PowerBI can be used to connect to many kind of data stores and generate many kind of dashboard, reports and perform analysis. But in this presentation I am limiting myself to "Project Online"

PowerBI can Connect to many database/store/serives

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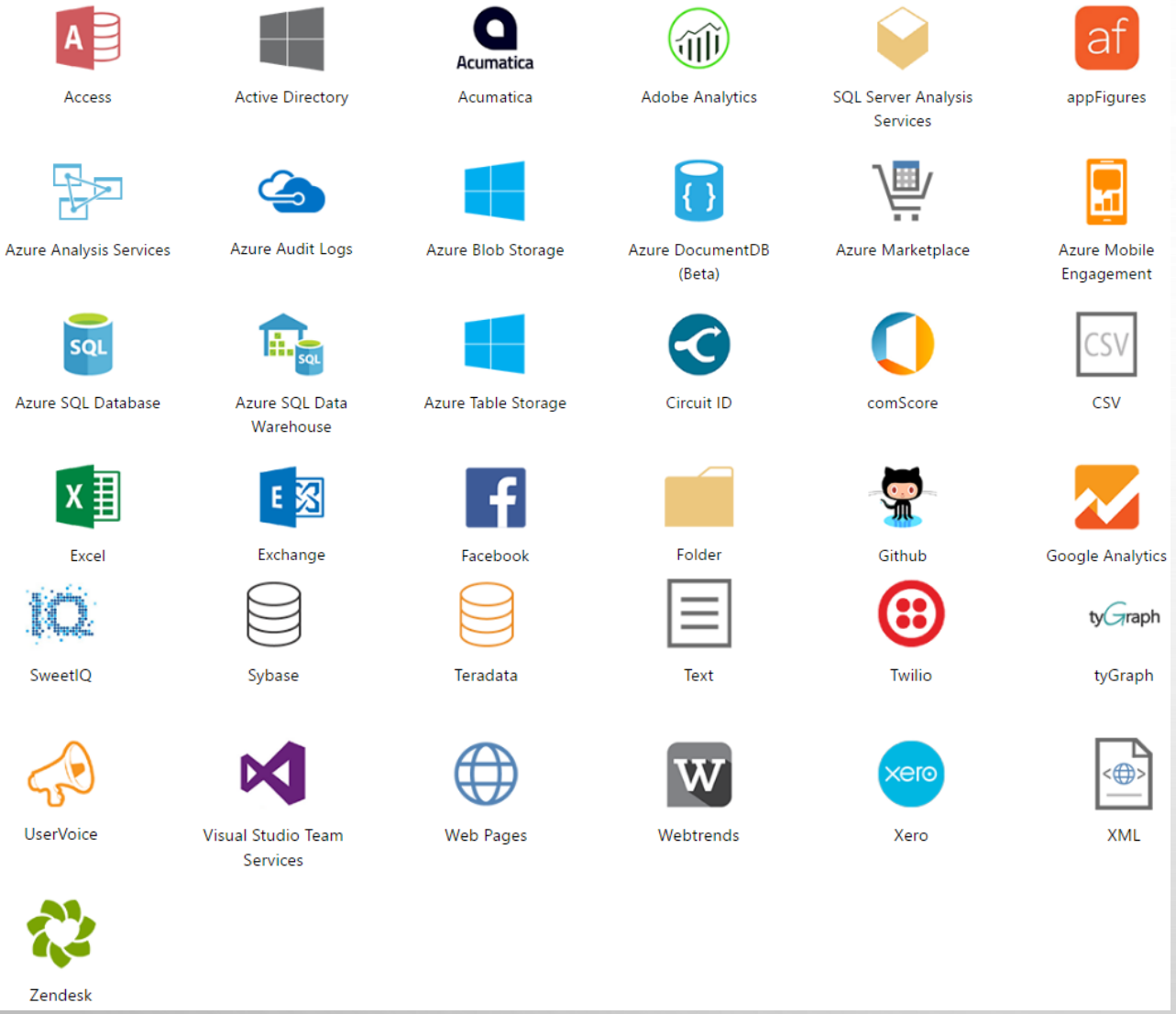

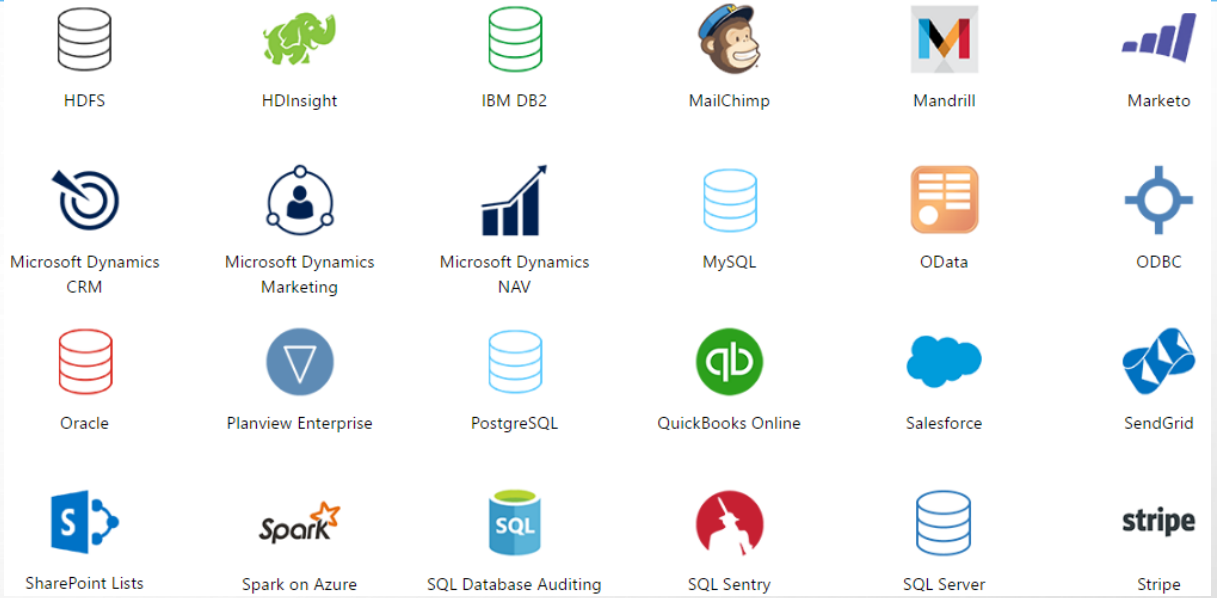

Power BI Pricing

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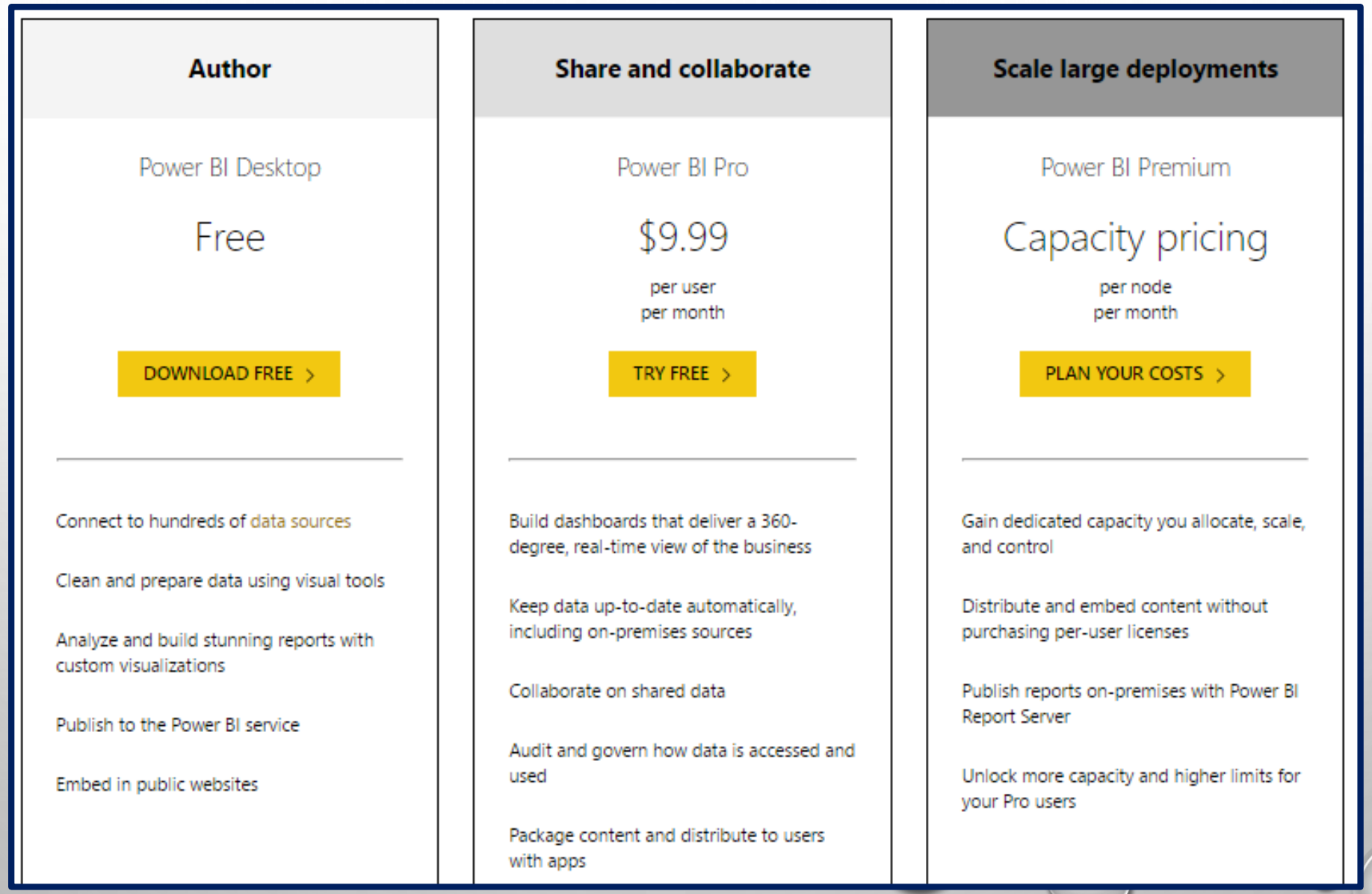

Author	Share and collaborate	Scale large deployments
Power BI Desktop	Power BI Pro	Power BI Premium
Free	$9.99 per user per month	Capacity pricing per node per month
DOWNLOAD FREE >	TRY FREE >	PLAN YOUR COSTS >
Connect to hundreds of data sources	Build dashboards that deliver a 360-degree, real-time view of the business	Gain dedicated capacity you allocate, scale, and control
Clean and prepare data using visual tools	Keep data up-to-date automatically, including on-premises sources	Distribute and embed content without purchasing per-user licenses
Analyze and build stunning reports with custom visualizations	Collaborate on shared data	Publish reports on-premises with Power BI Report Server
Publish to the Power BI service	Audit and govern how data is accessed and used	Unlock more capacity and higher limits for your Pro users
Embed in public websites	Package content and distribute to users with apps	

Two Solutions for Implementation: Cloud vs On-Premise

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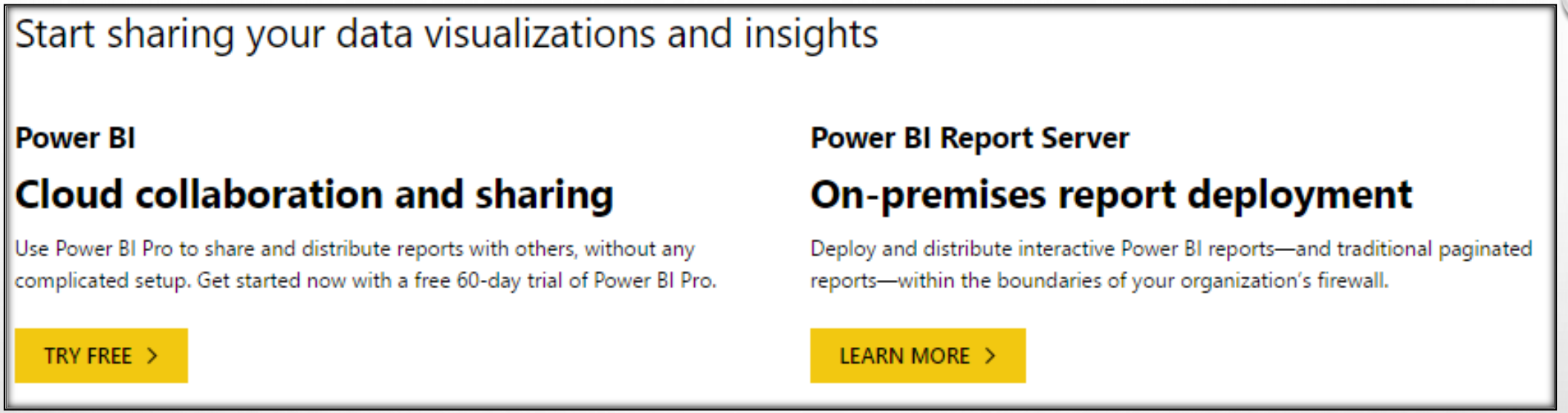

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Method 1 to Connect to Project Online using PowerBI

On Premise Power BI

Using this Method

You need to create all report, dashboard from start.

To connect to Project Online database you need to have Project Online account before you proceed

- **Step 1: Download Power BI Desktop**
  - Download Power BI Desktop, then run the installer to get **Power BI Desktop** on your computer.
- **Step 2: Connect to Project Online with OData**
  - Open **Power BI Desktop.**
  - On the *Welcome* screen, select **Get Data.**
  - Choose **OData feed** and select **Connect.**
  - Enter the address for your OData feed in the URL box, and then click OK.

    URL Format: https://<tenantname>.sharepoint.com/sites/pwa/_api/Projectdata

    Example: https://contoso.sharepoint.com/sites/pwa/_api/Projectdata

    https://vedavit.sharepoint.com/sites/pwa/_api/Projectdata
  - Power BI Desktop will prompt you to authenticate with your Office 365 account. Select Organizational account and then enter your credentials.

Connect to Project Online

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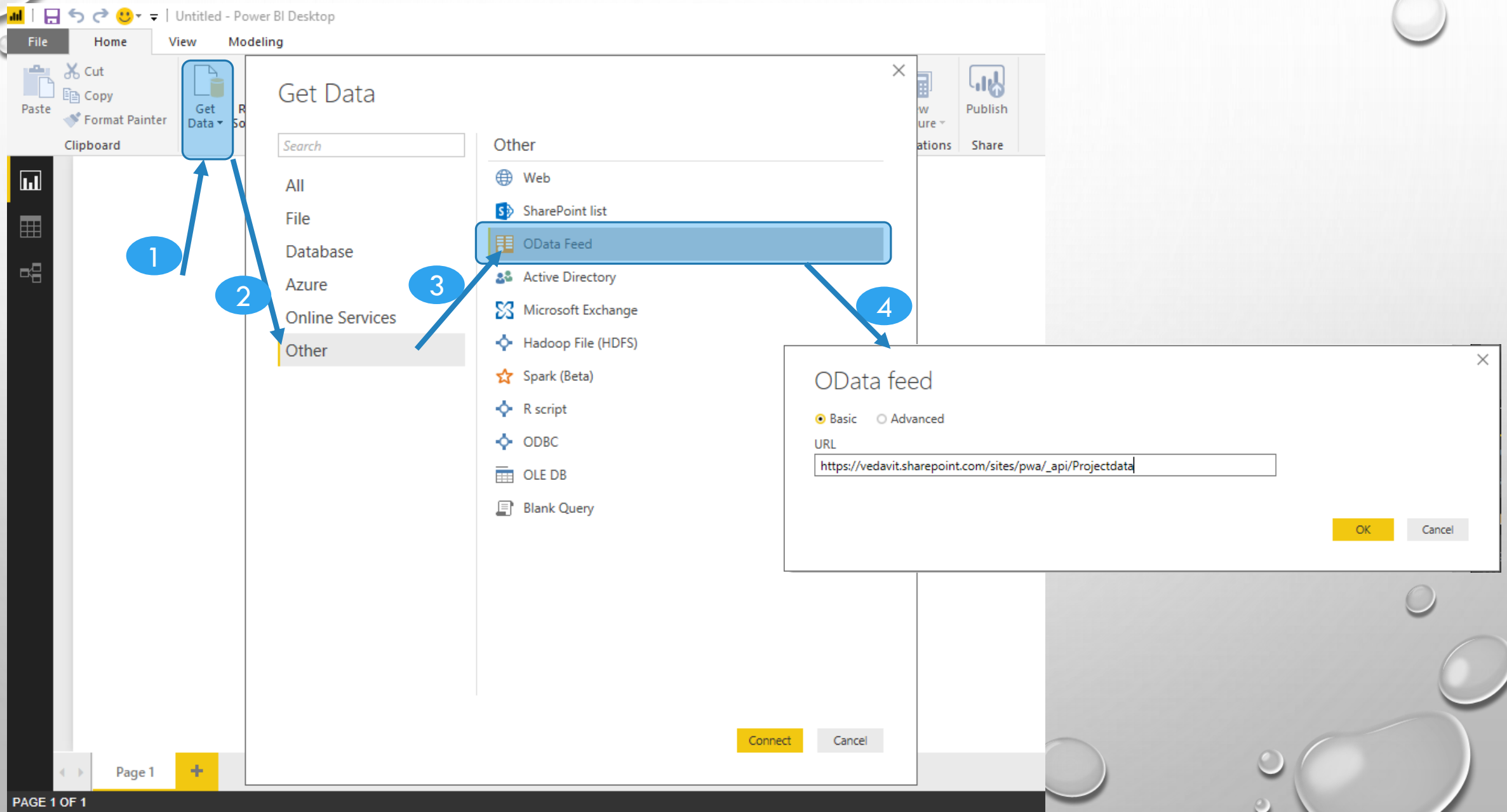

Connect to Project Online

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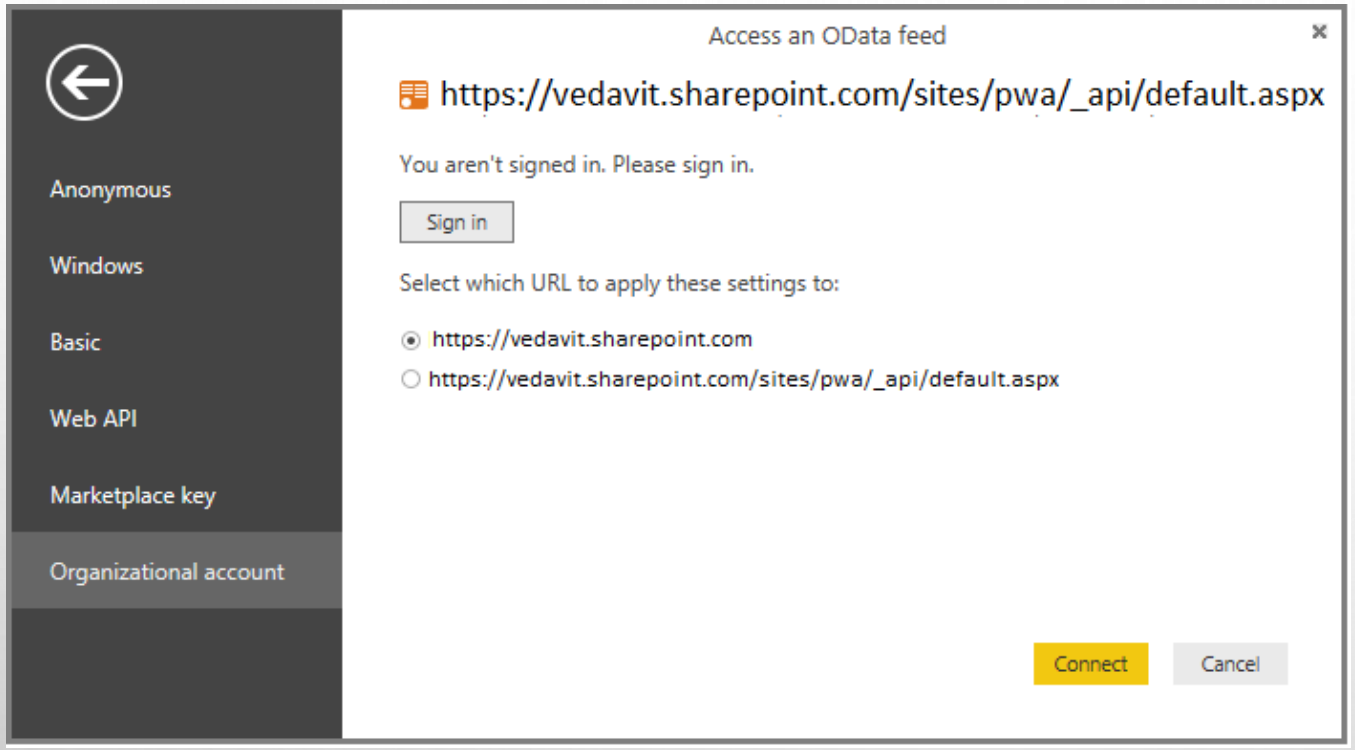
You need to login here and authorize PowerBI on Project Online database to access the data. This is one time job.



After login. Click on connect to get access to all your Project Online data

Now you are connected to Project Online database. You can play around and create whatever report, chart, dashboard you want to create

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Method 2 to Connect to Project Online using PowerBI

Cloud Collaboration

Using this Method

You get access to out of the box reports/dashboards

Launch PowerBI to See Project Dashboard & Reports

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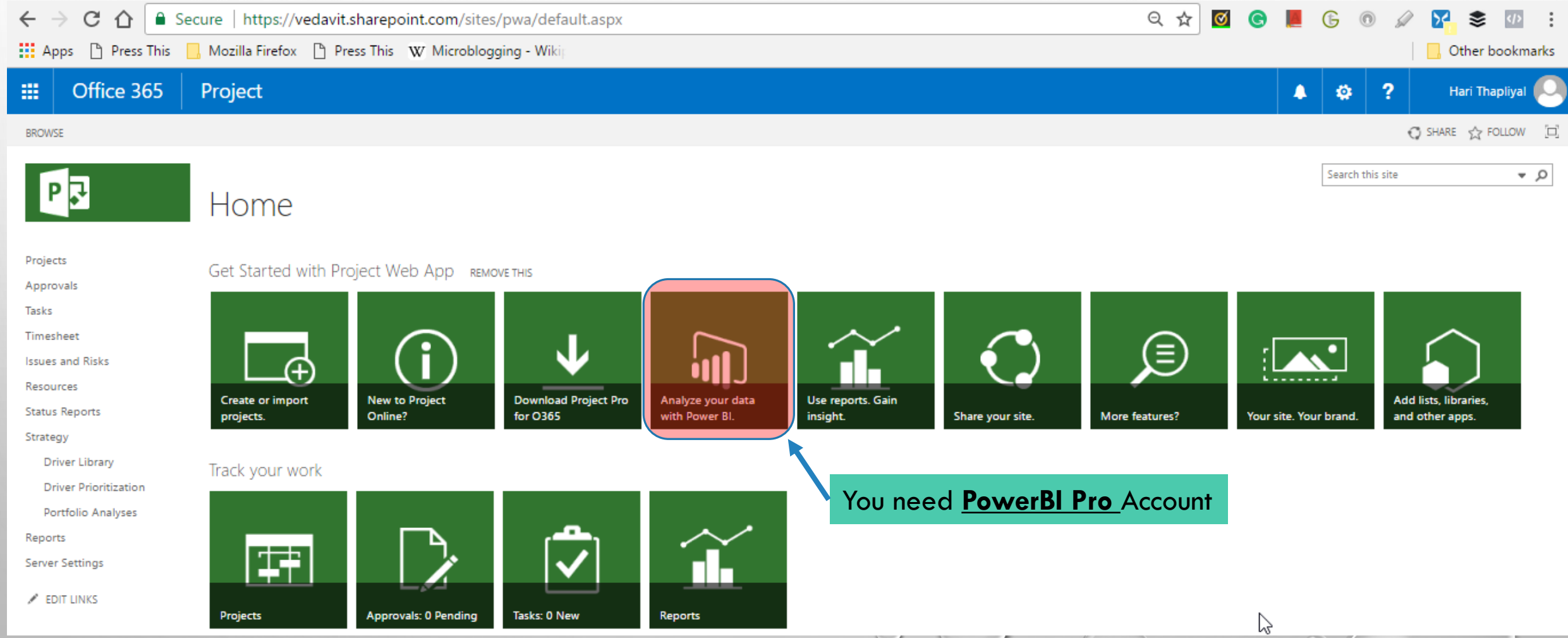

Login into to Office365 Account to Authenticate PowerBI to get your data

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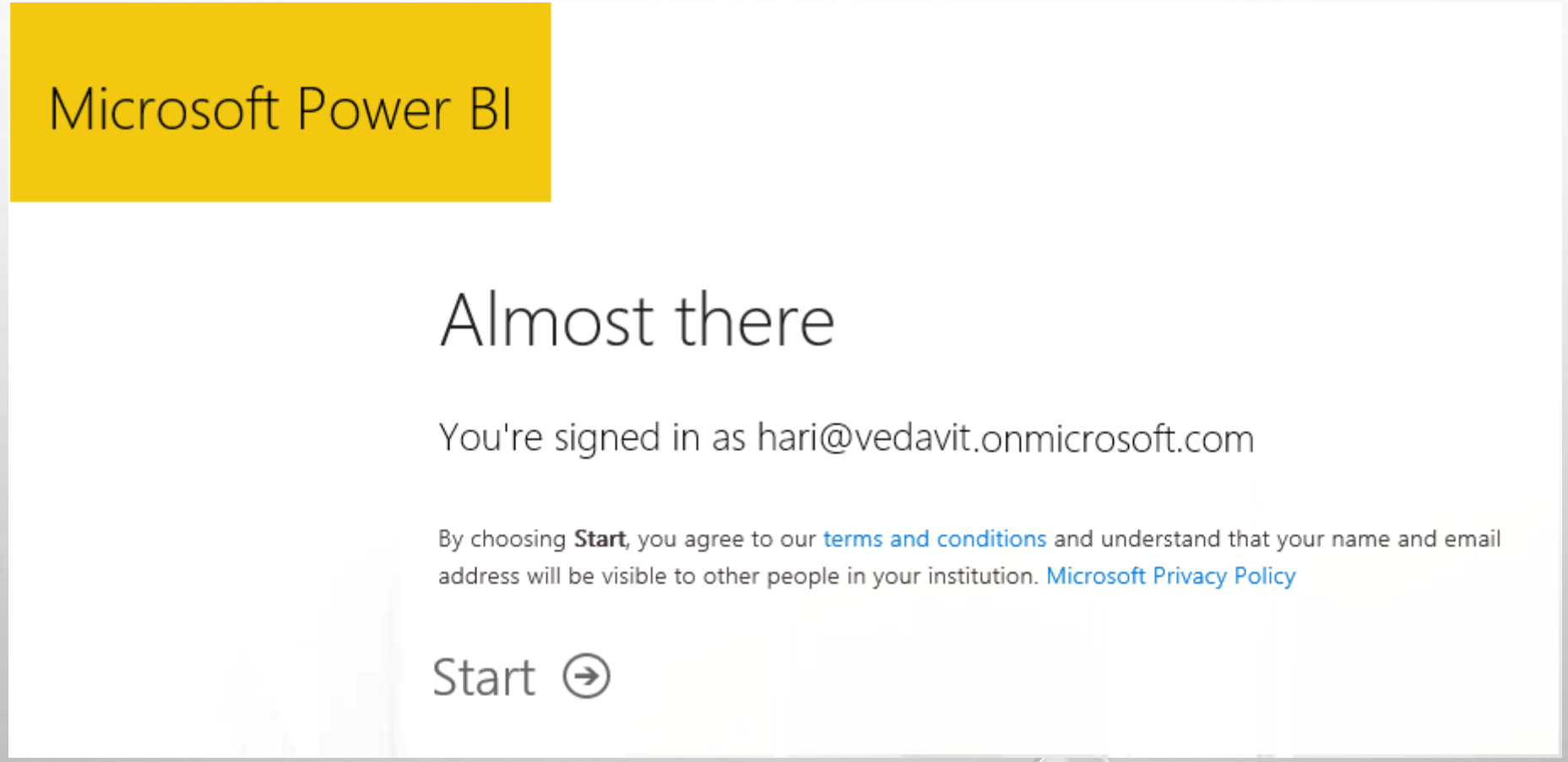
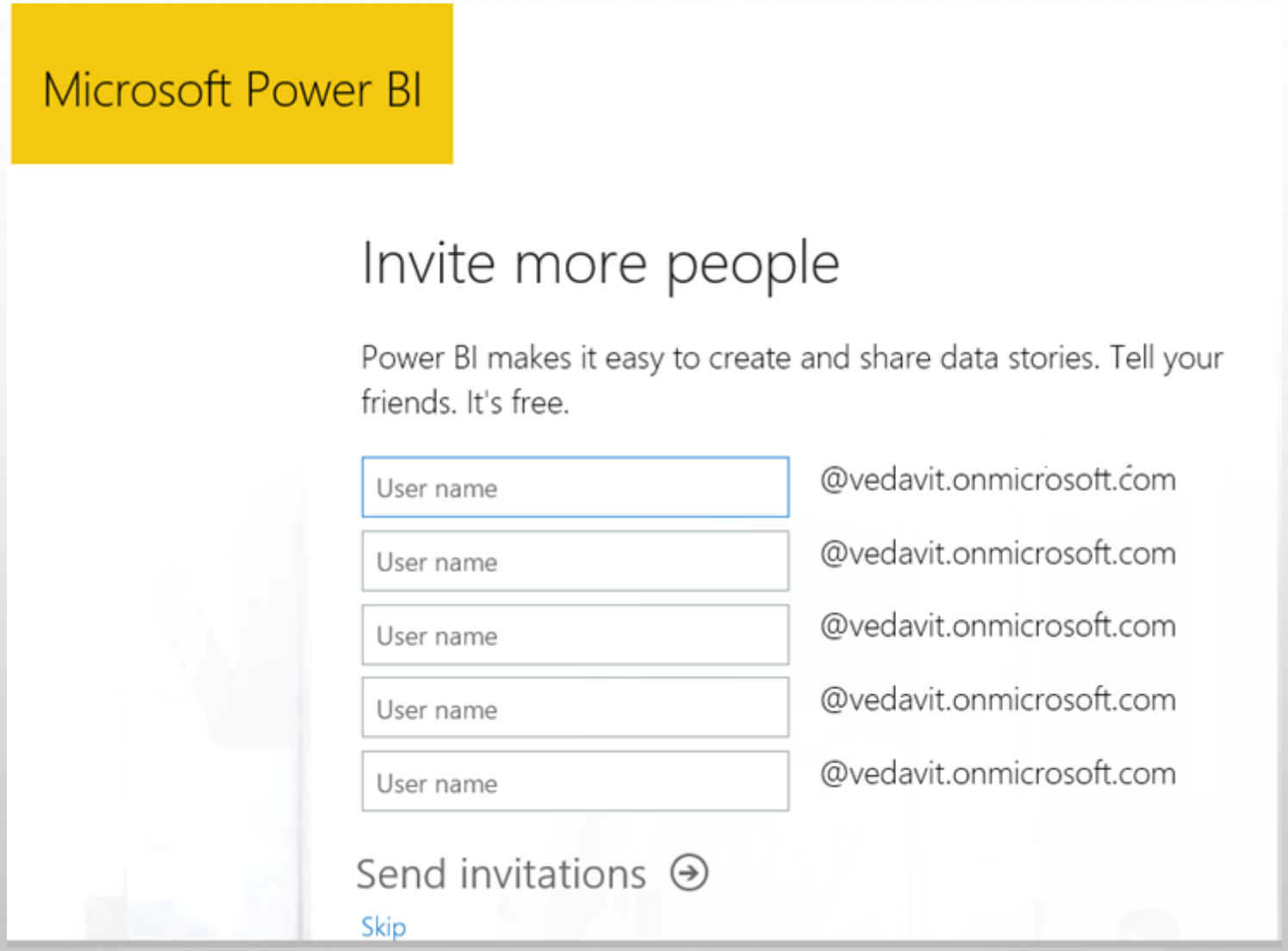


Click Skip on this page



To Connect to Your Project Online Database Click "GET IT NOW"

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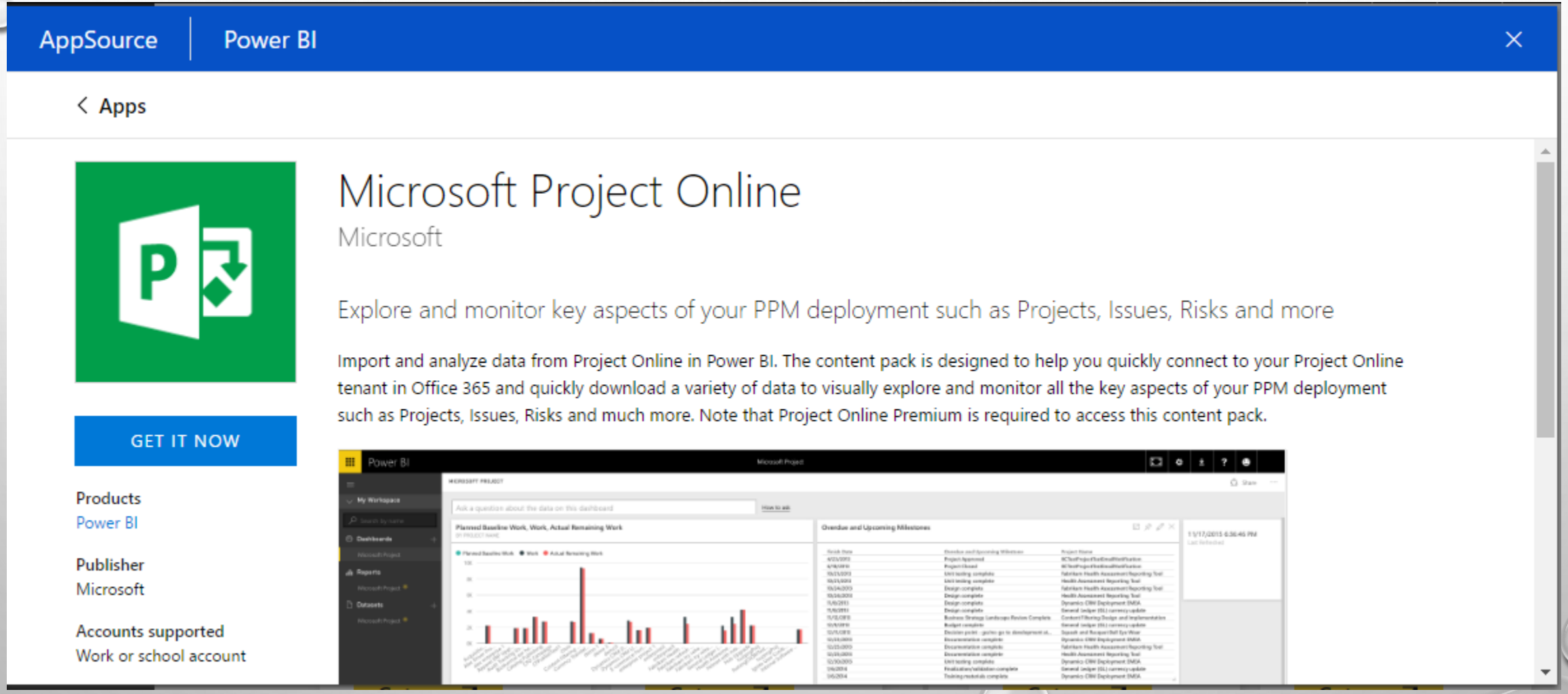
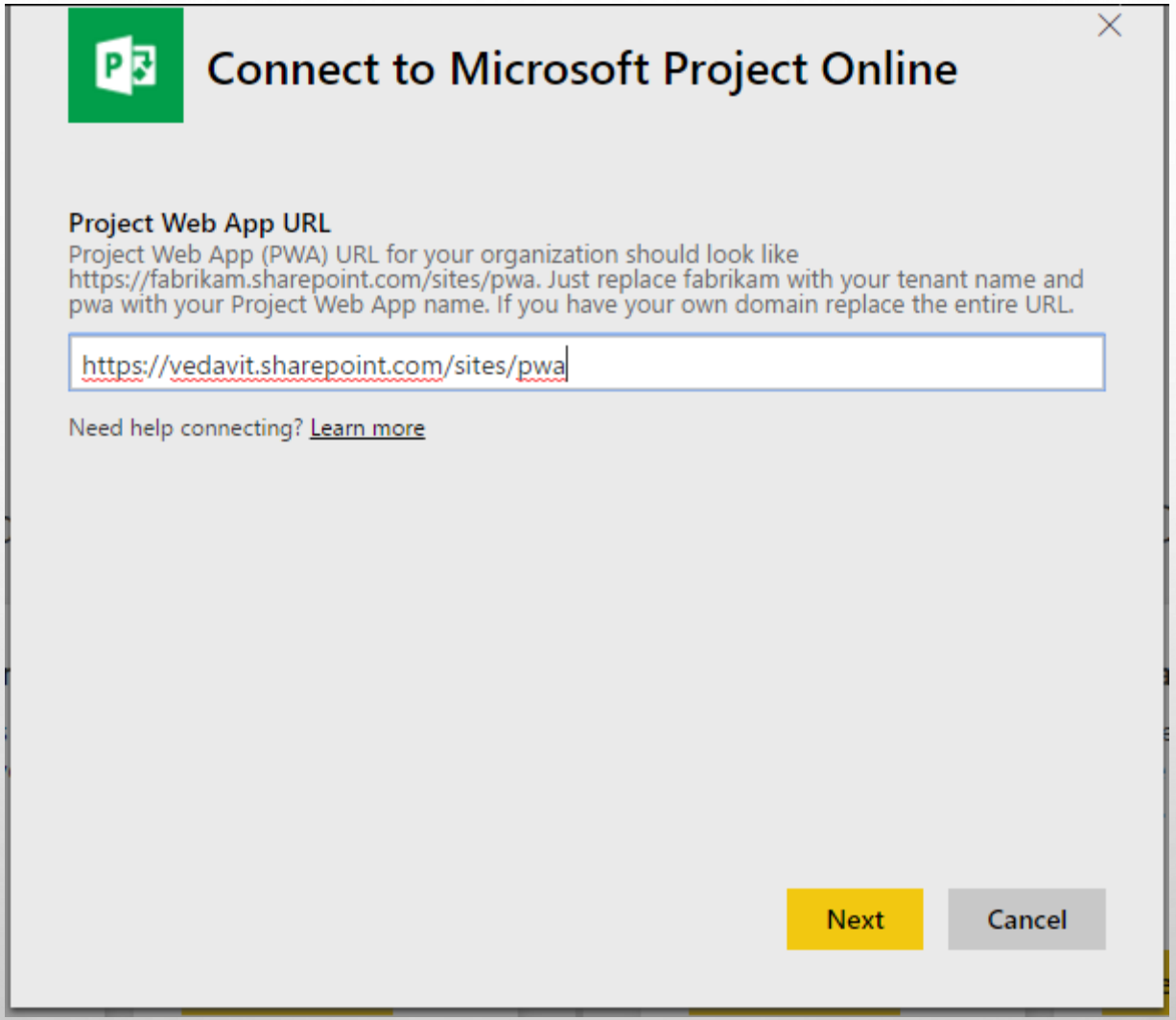
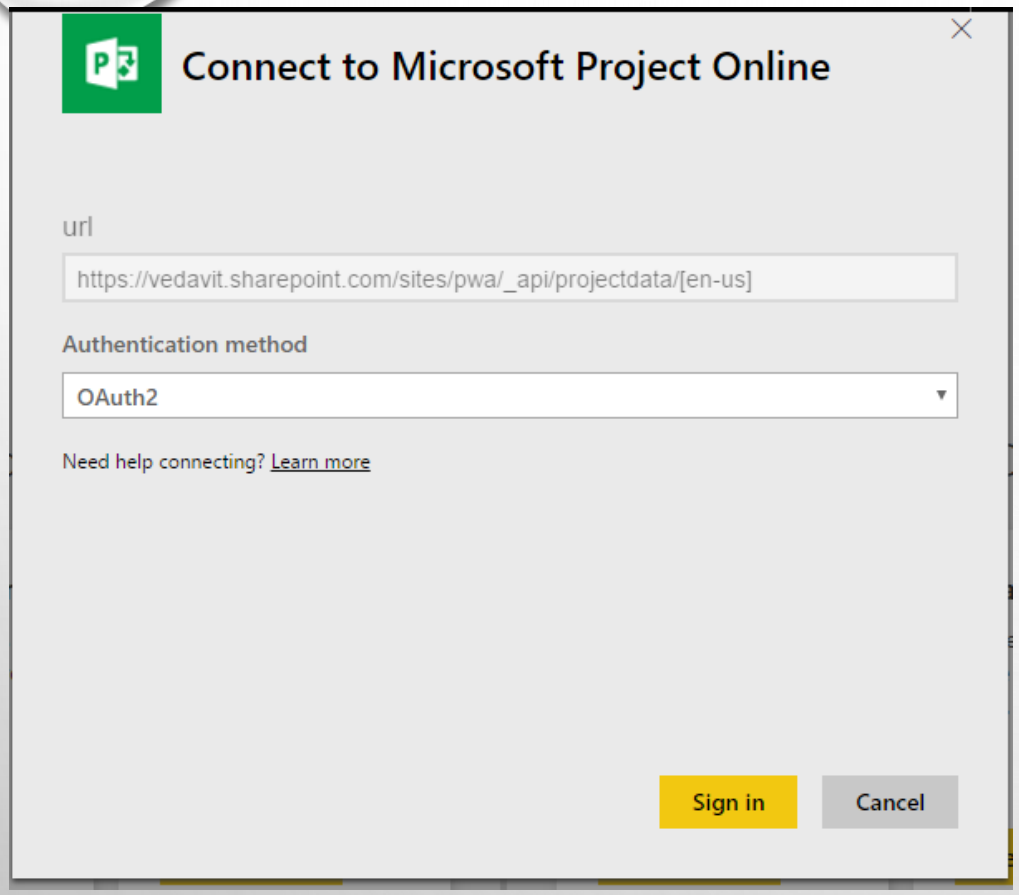


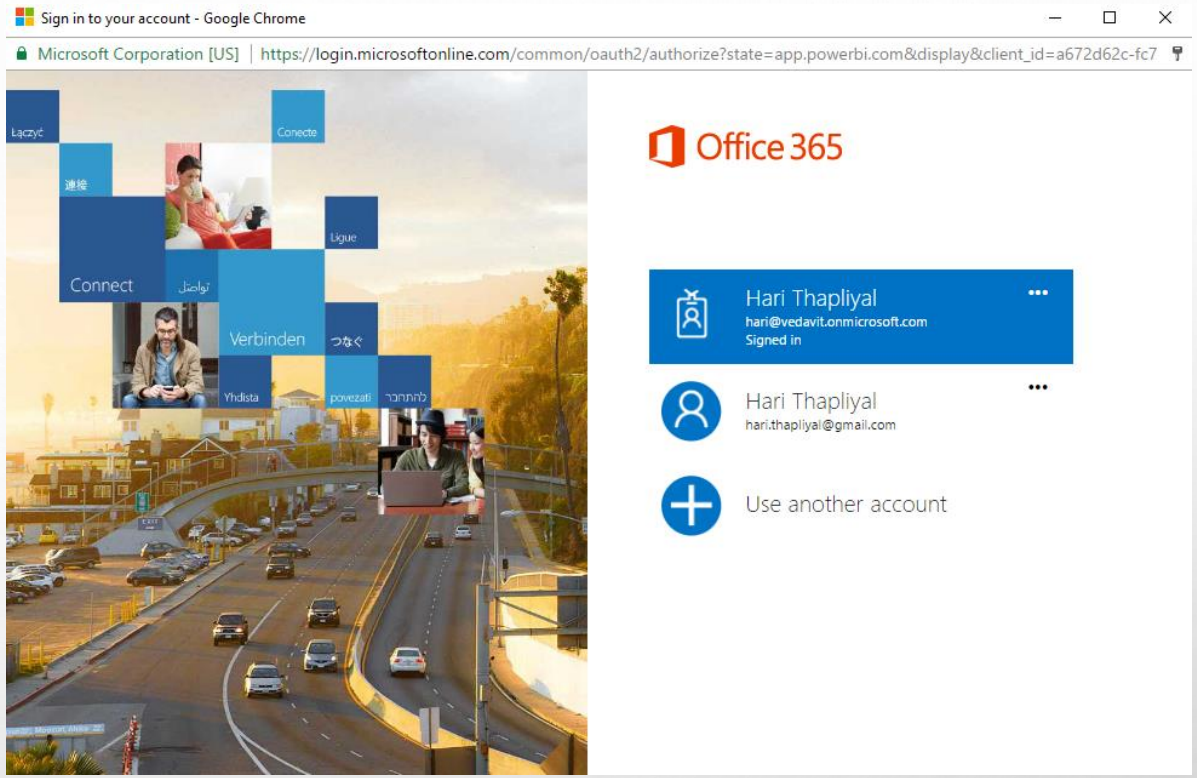
Enter your PWA URL

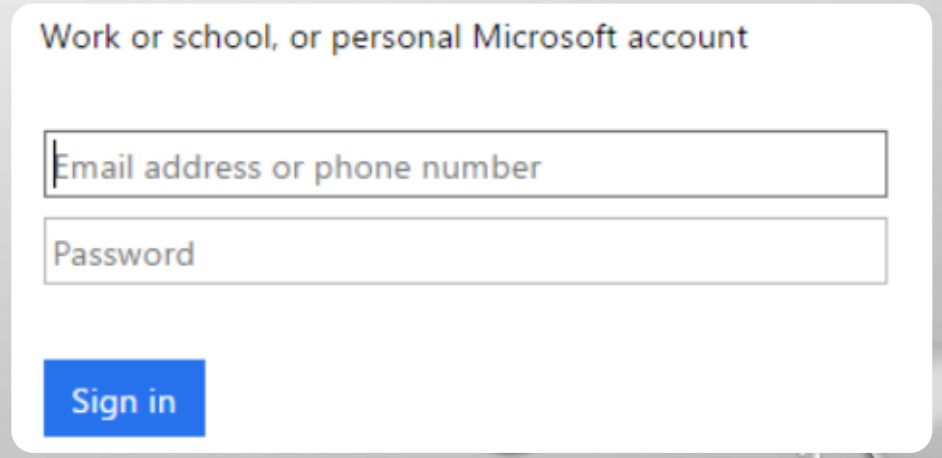


Replace “Vedavit” with your name, whatever you used to create PWA

When you purchase or get trial version of project, you need to register your details there. This name information is entered there.







It takes some time and refresh extract the data from Project Online

Dashboards

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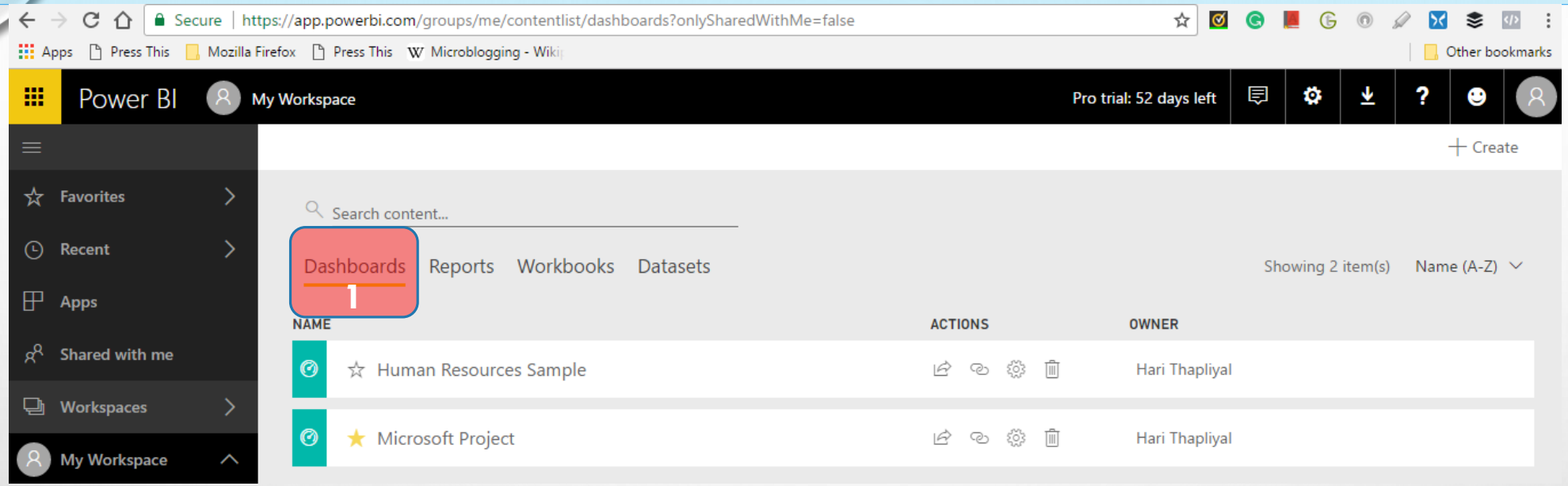

Reports

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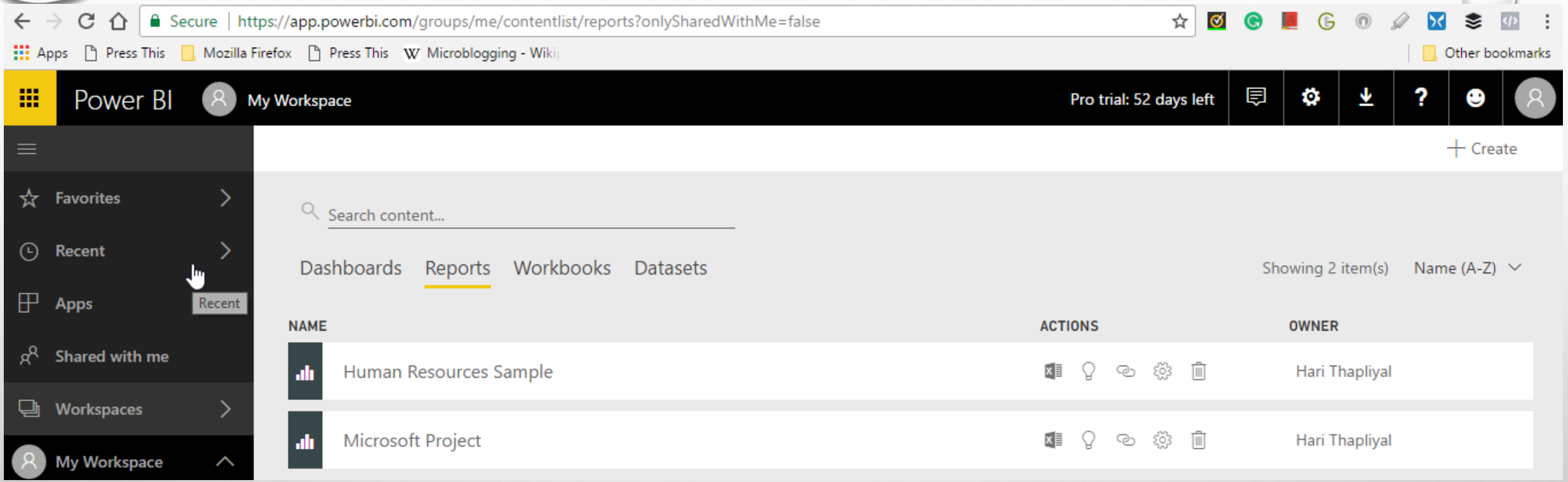

Dataset

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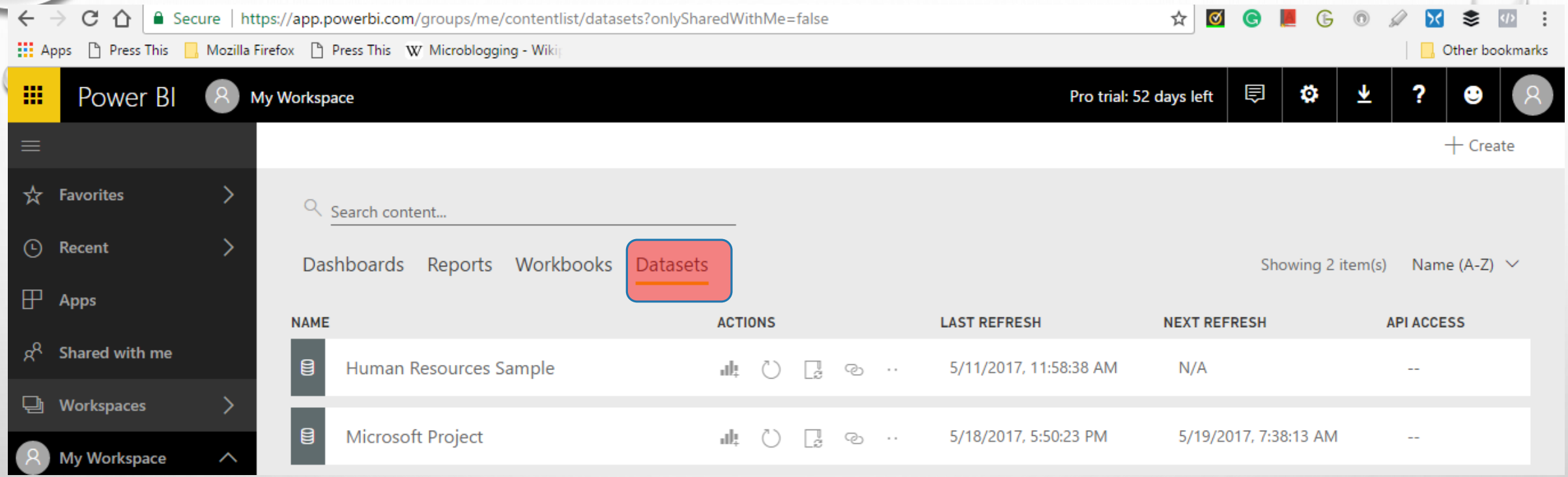

Report Layout Screen (Out of the box)

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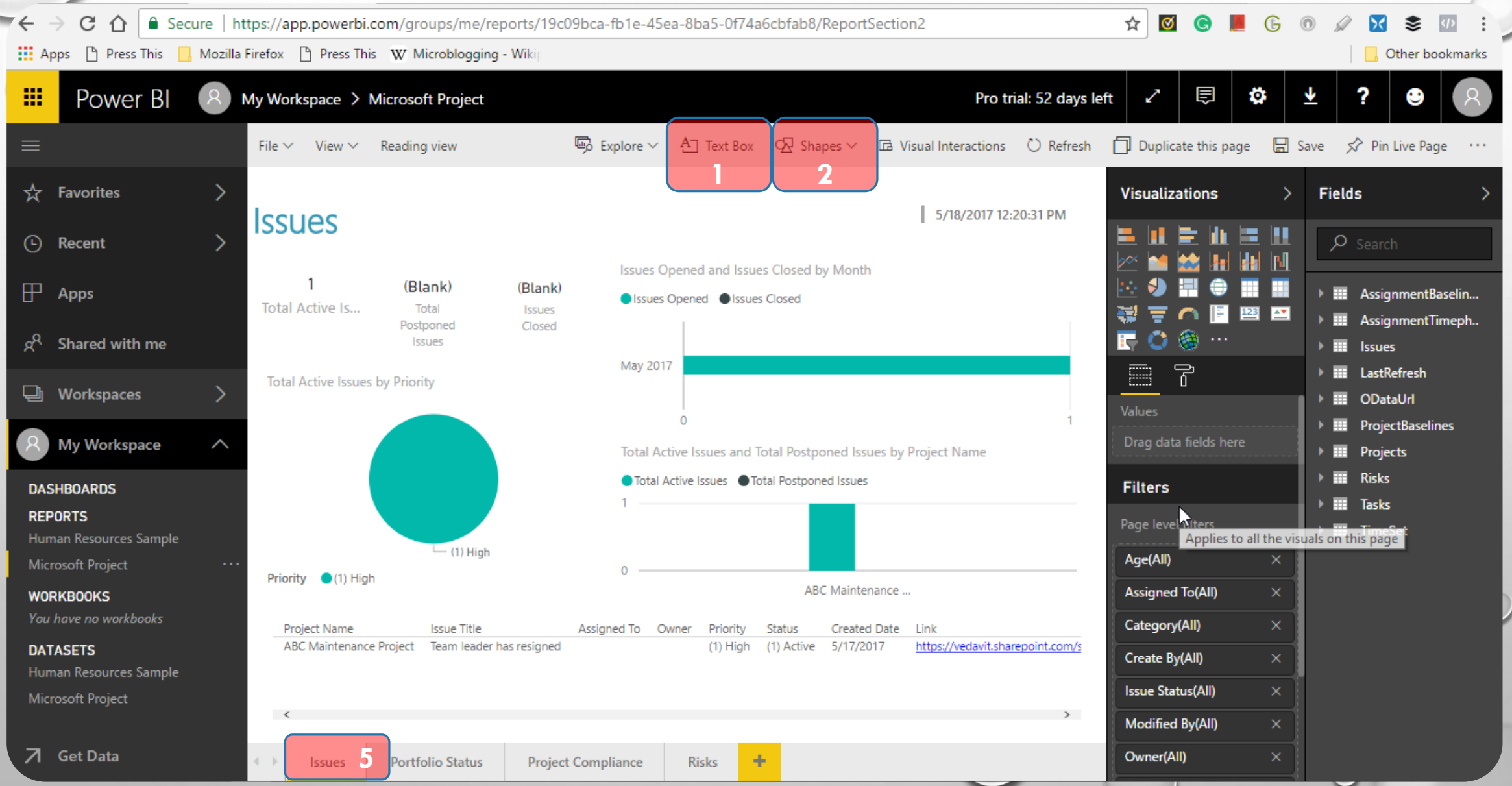

Microsoft Project - Power BI

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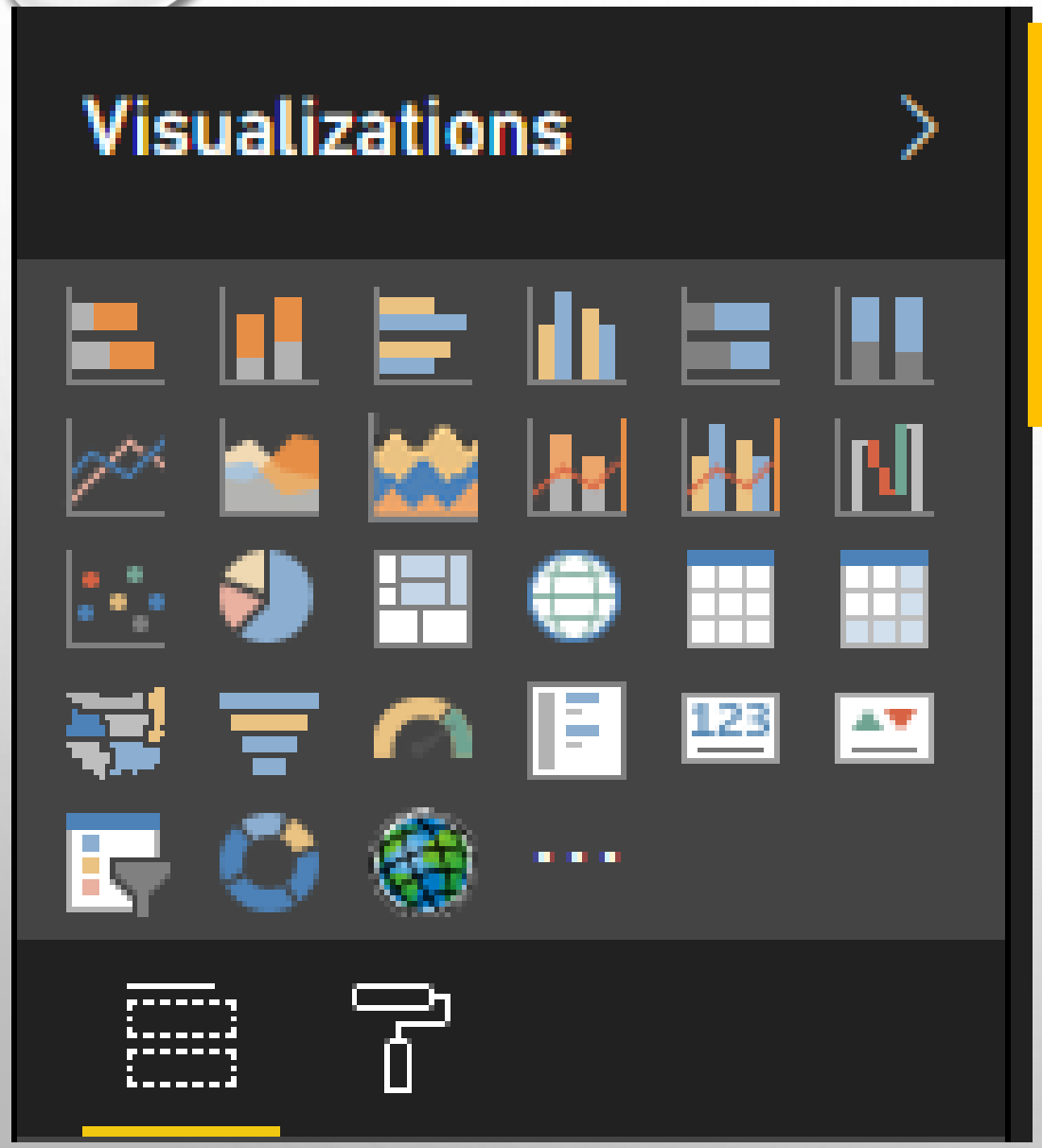
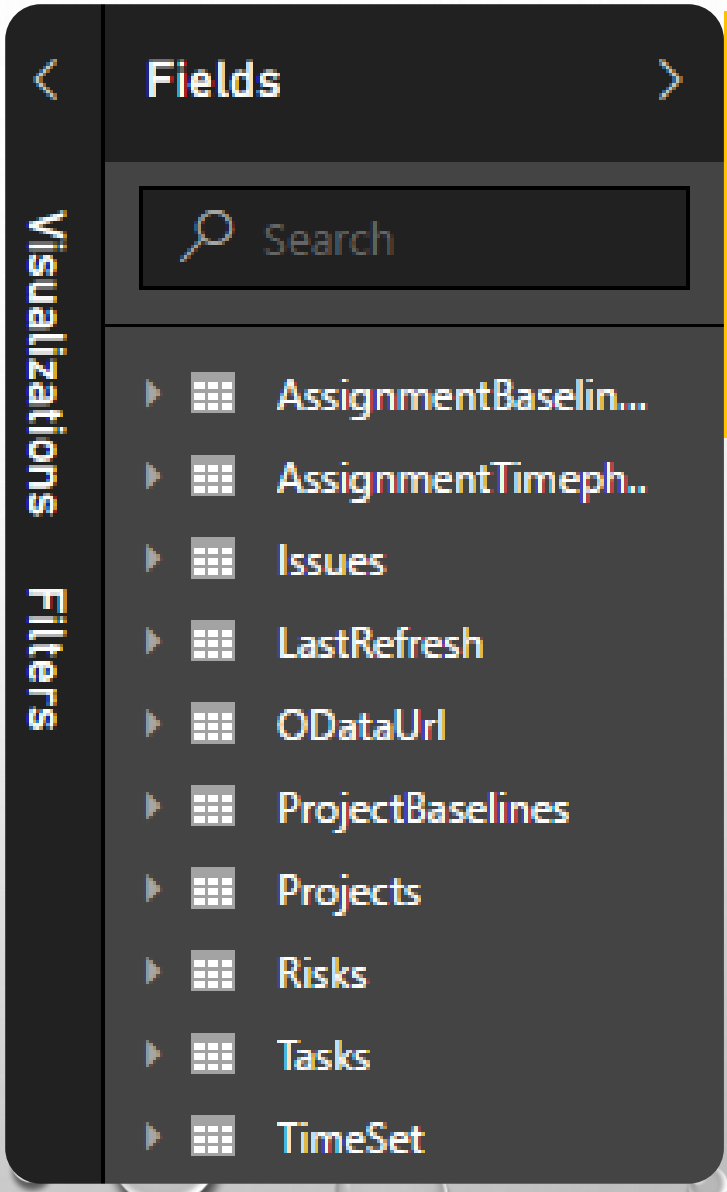


Different type of charts and map you can use on reports and dashboard to present your data



Various tables and fields you can select to create meaningful dashboard and reports

Reports-Issues (Pre-existing)

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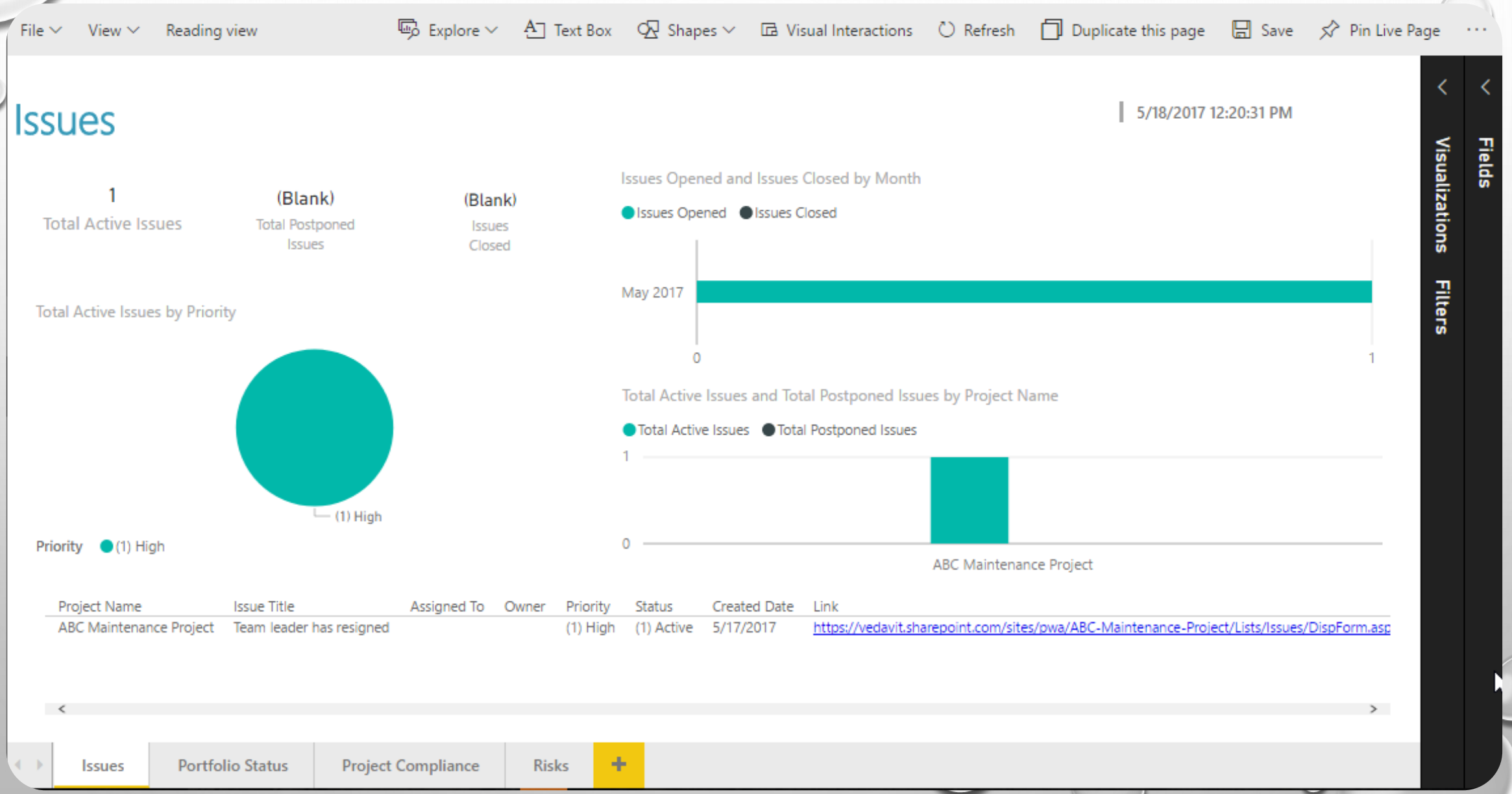

Reports-Portfolio Status (Pre-existing)

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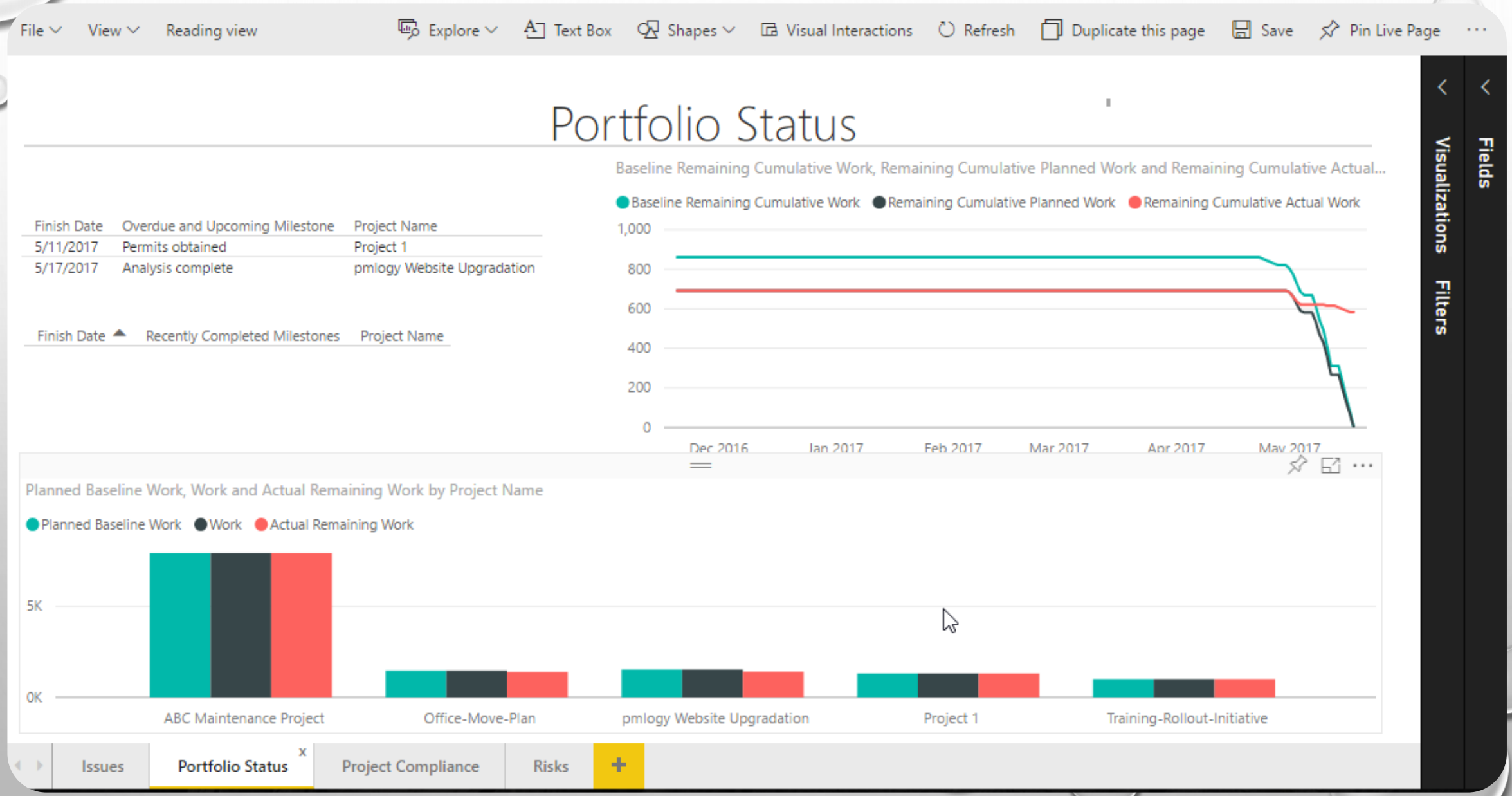

Reports-Compliance (Pre-existing)

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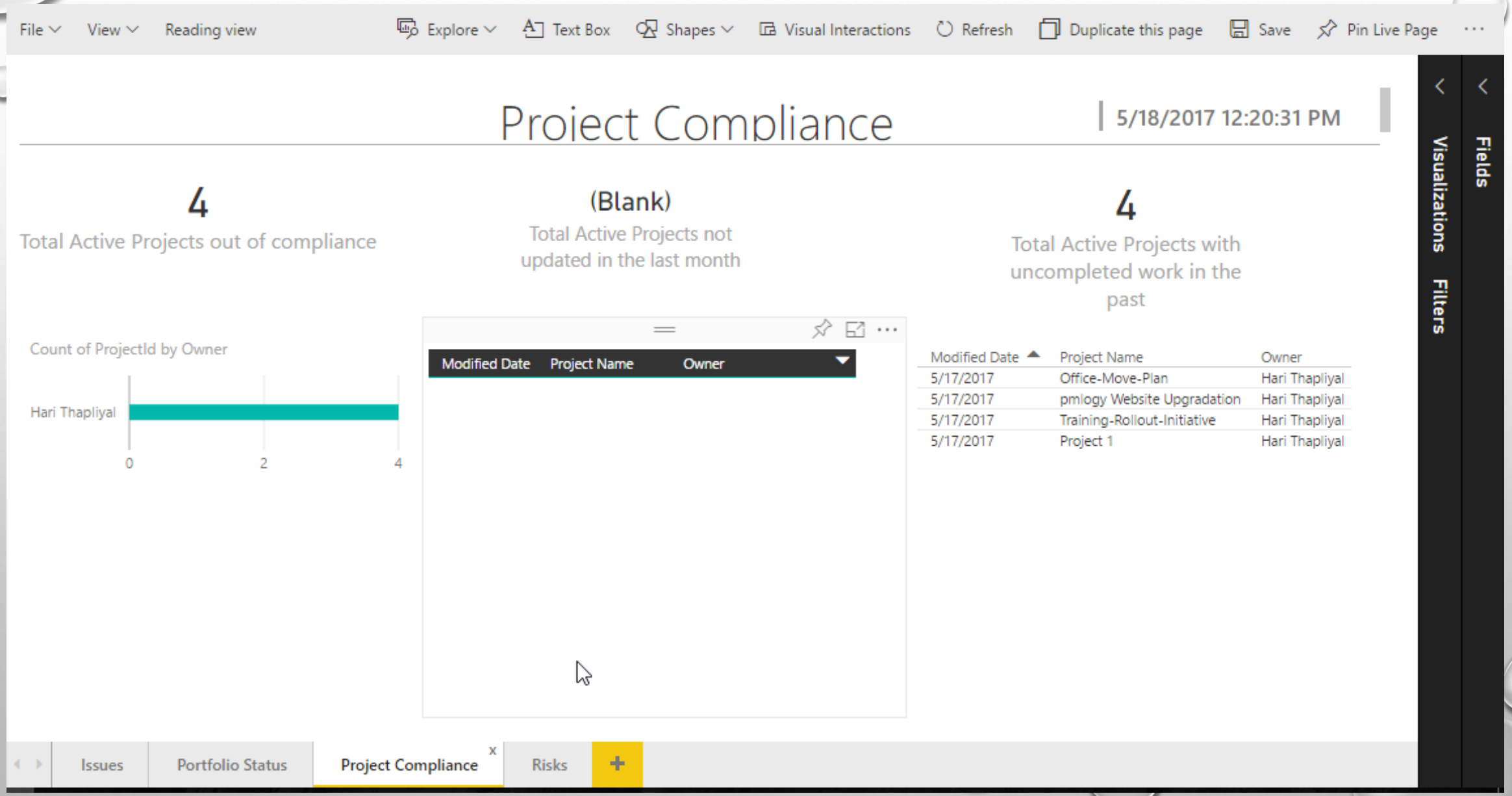
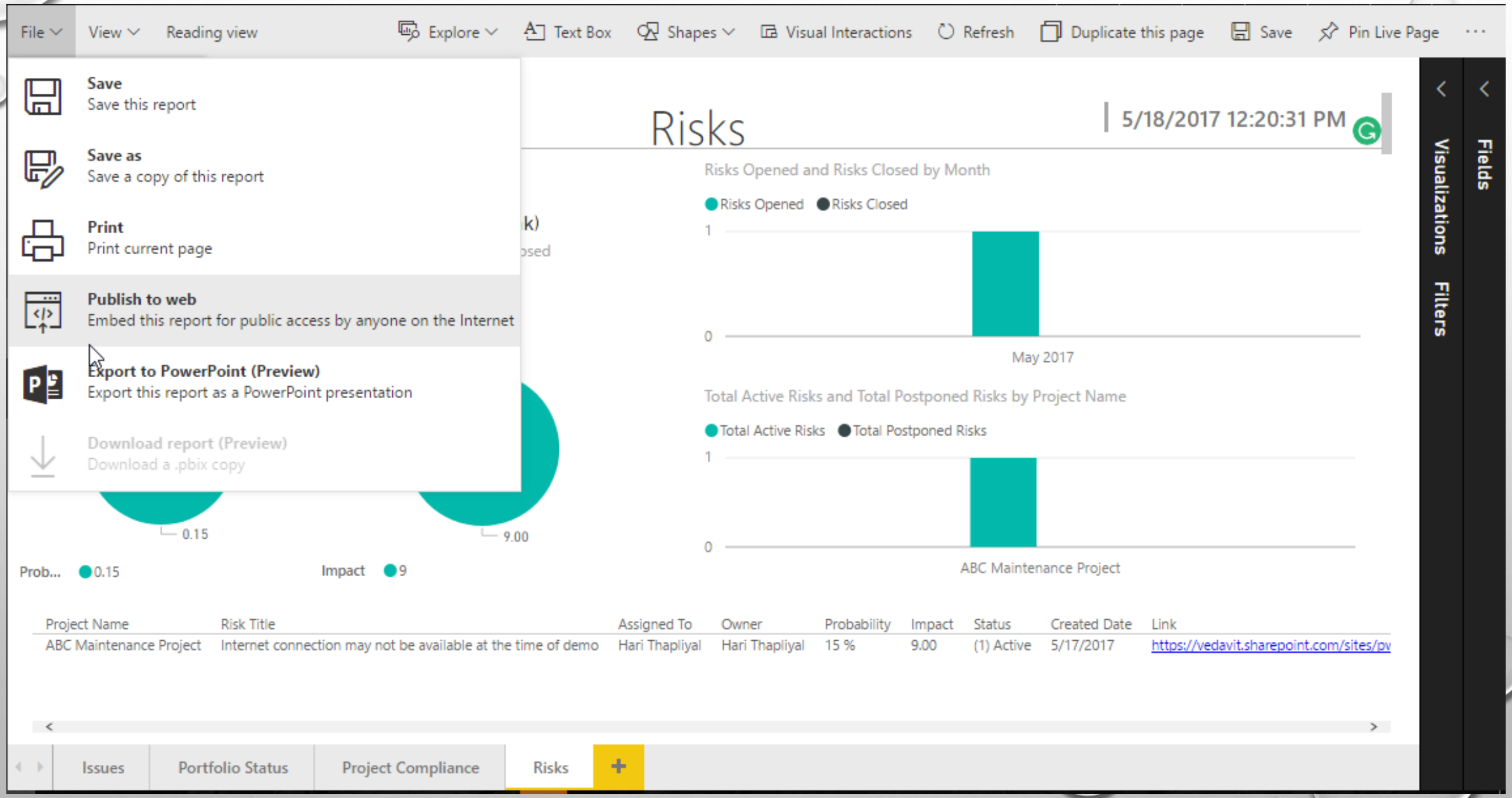


Reports-Risk (Pre-existing)



Dashboard (Pre-existing)

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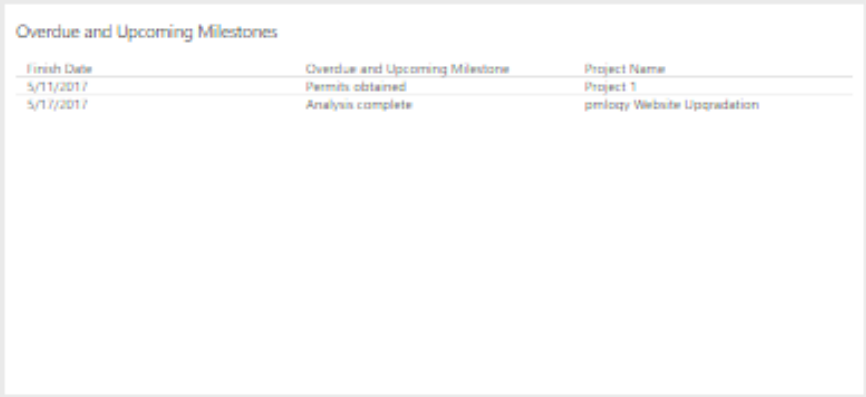
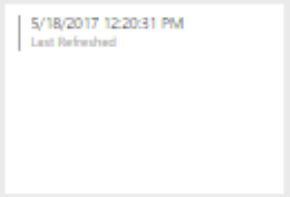
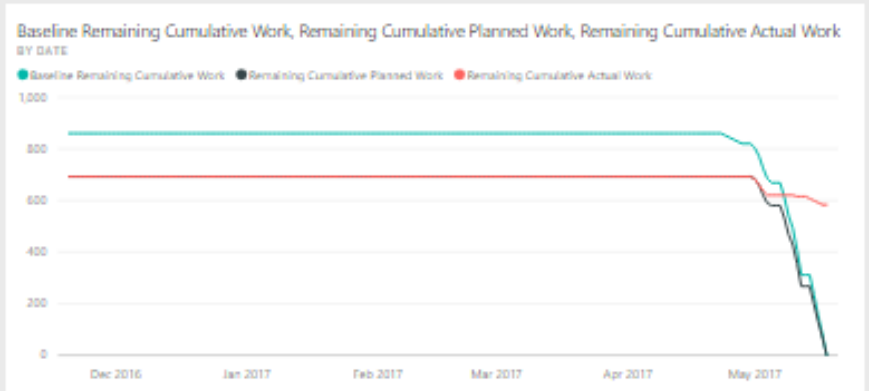
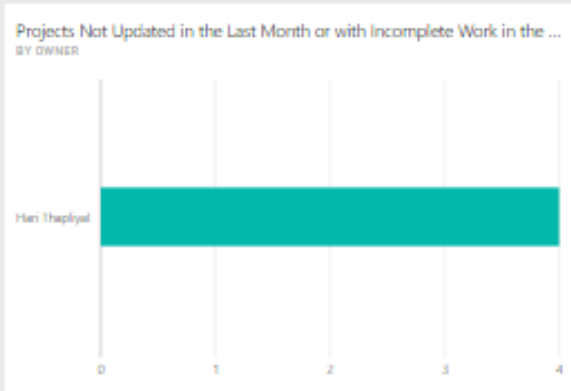
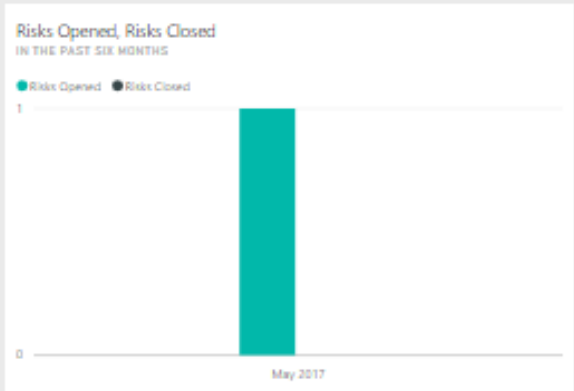
Ask a question about your data

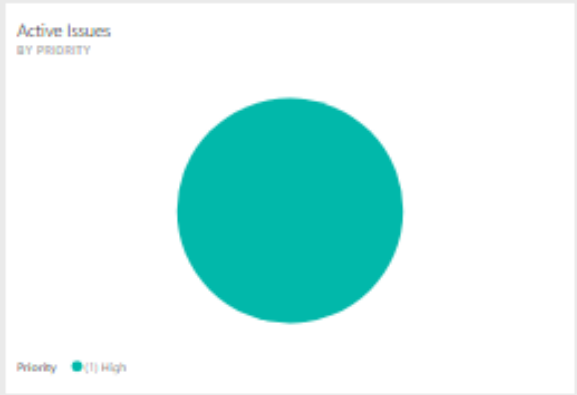


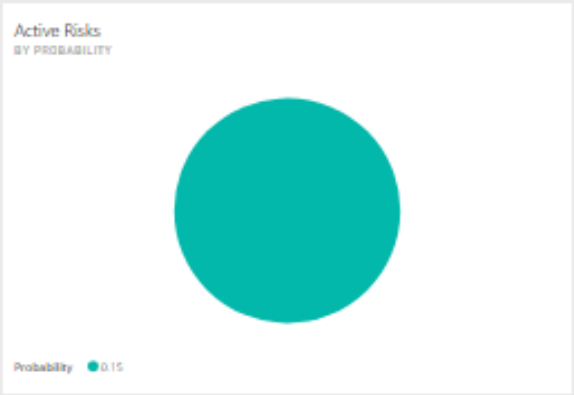


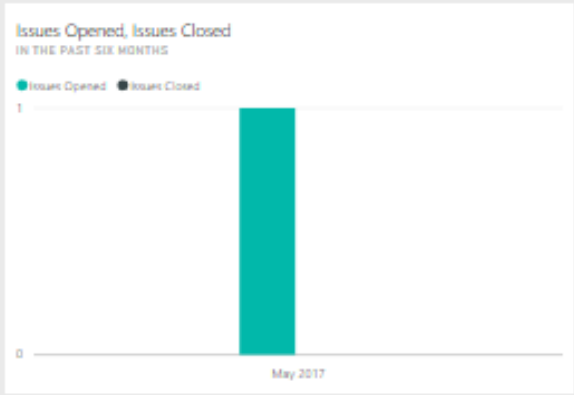












Shape and Field Formatter for Creating Attractive Dashboard and Reports

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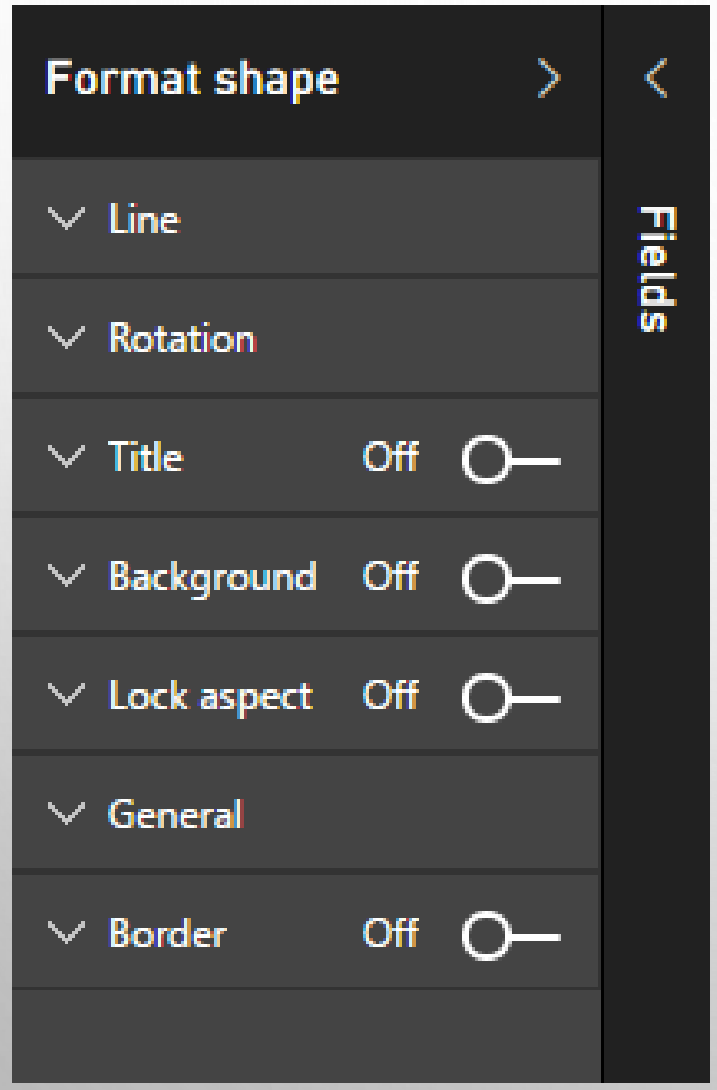

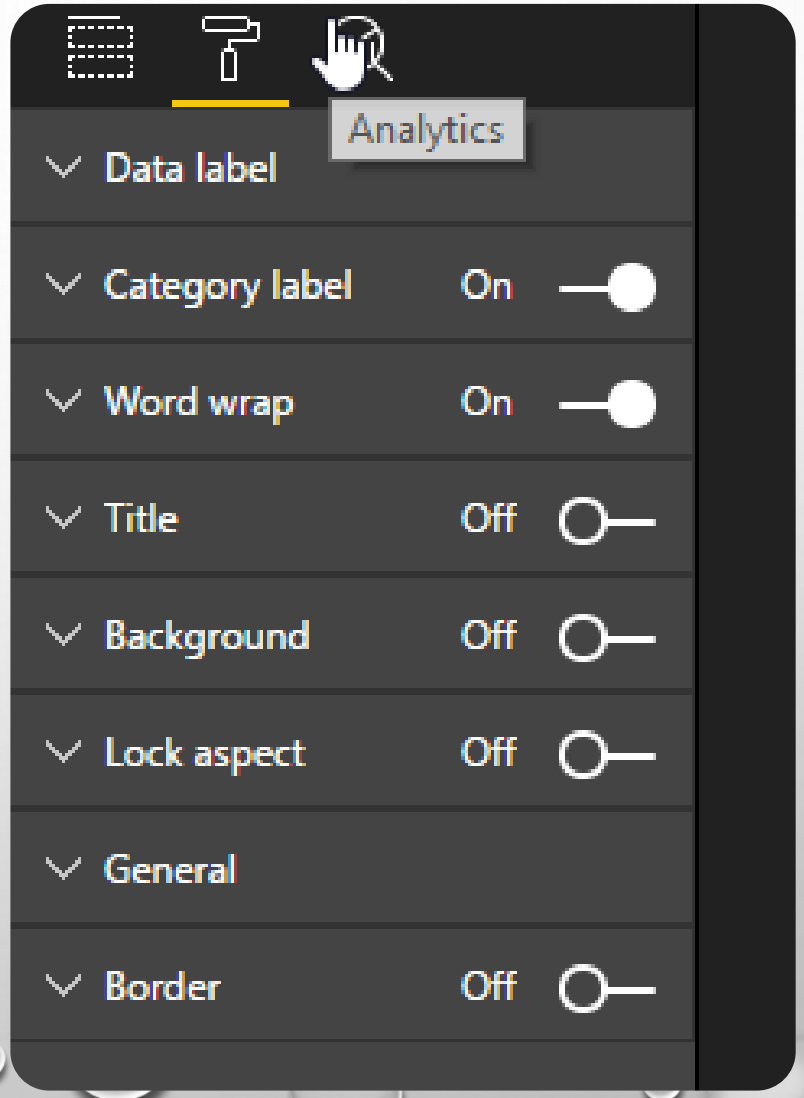

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