



Business Analytics with Power BI

Microsoft Services



Module 2: Power BI Service

Lesson 1: Get Data

Get Data



Get Data



Pinning and Navigation



Keeping Data Current



Q&A and Quick Insights



Sharing



Connect from Excel



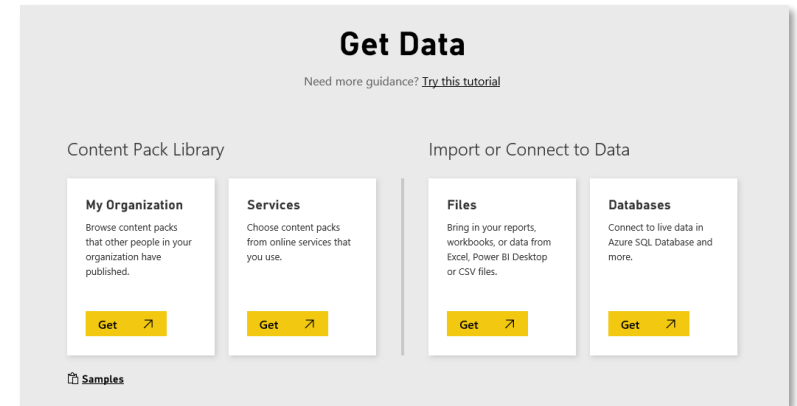
Mobile Reports

Connect to Data

- You can start by **connecting to data directly in the service**, without going into Desktop or Microsoft Excel first

 **Get Data**

- Data can come from:
 - Your Organization
 - SaaS Services
 - An Excel or a Power BI Desktop file
 - Other data sources



- After connecting, a **dataset** and associated **reports** and **dashboards** are available
- The **data sources available in the PBI Desktop** are not the same that are available directly from the service, but a **.pbix file** is a valid source

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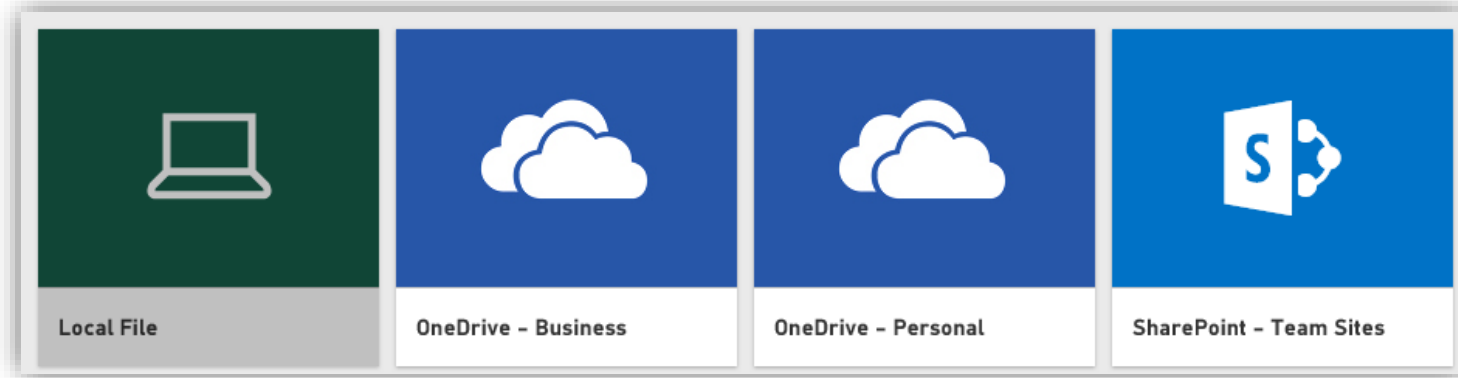
Connect from Excel



Mobile Reports

Import or Connect to Data - Files

- When you select the **File** option, the data can come from on-premises or cloud sources



- **Excel** (.xlsx, xlsx) – import the **file** or the **Data Model**
- **Power BI Desktop** – the model and the visualizations are imported into the service
- **.csv file** – data should be comma separated and must have a header
- **Replacements** must have the **same name**

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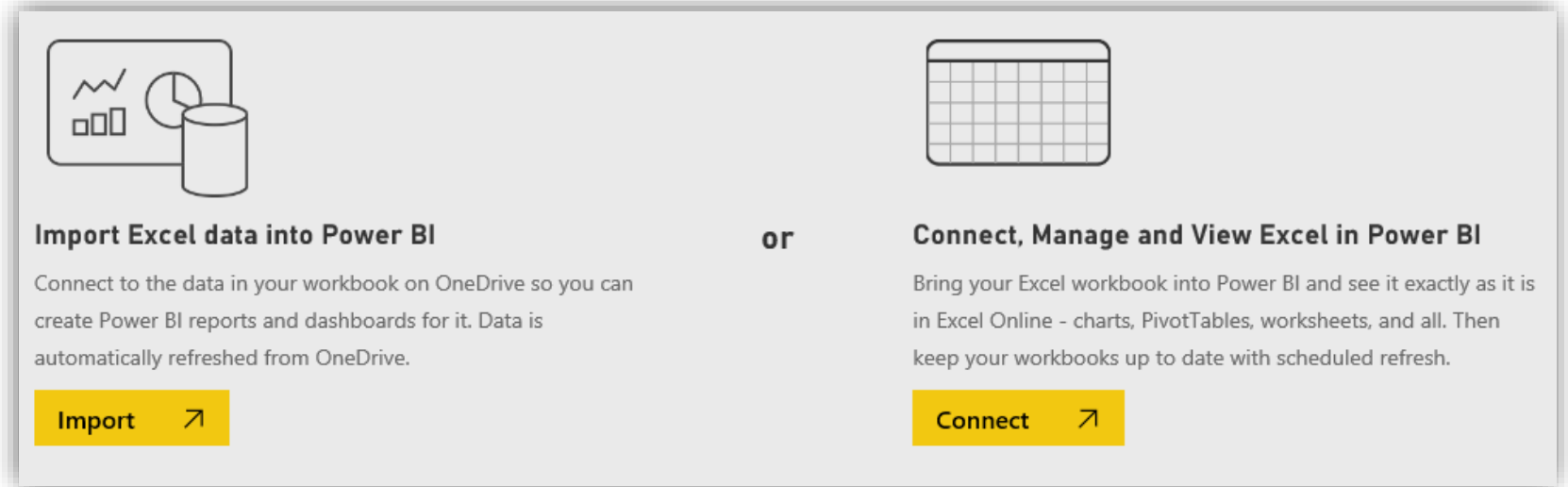
Connect from Excel



Mobile Reports

Import or Connect to Data - Files

- When you connect to Excel, there are two options



- The first expects a Data Model in the file
- The second will allow you to see the Excel file inside of Power BI and even edit it and use parts of it for dashboards (OD4B or Sharepoint, only)
- Updates will reflect automatically in Power BI (~1h) (for Excel and Desktop)

Get Data

Import or Connect to Data - Databases



- Data can be stored in **the cloud or on-premises (SSAS)**
- **Access to the data is live** (DirectQuery) every interaction starts a query on the backend (data is always updated)
- For access to the **SSAS data on-prem**, an **Enterprise Gateway** must be set up
- More live sources are expected in the future

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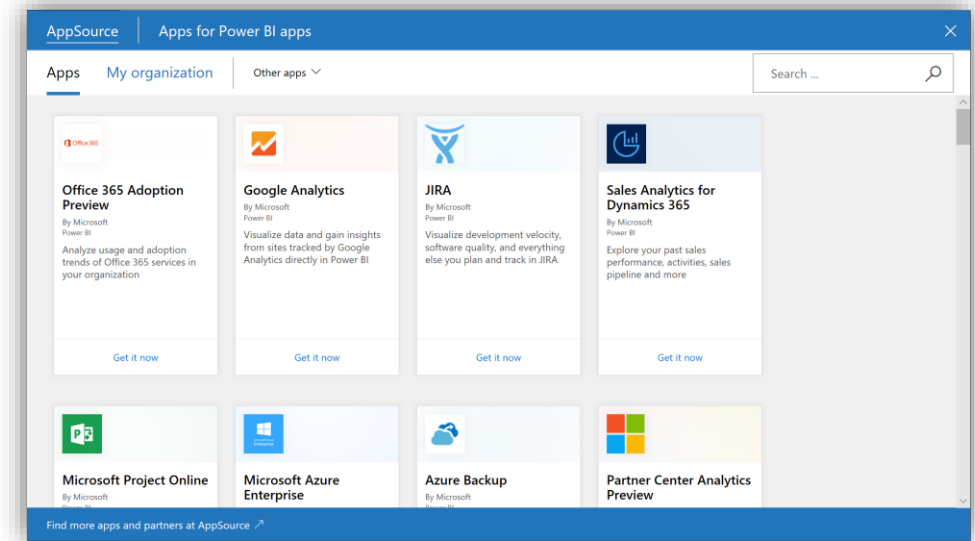
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Mobile Reports

AppSource - Services

- Data can come from third-party SaaS services as **content packs**
- These content packs contain a **dataset, reports, and dashboards**
- Data shown depends on **credentials provided** (and the service)
- **More than fifty** already exist and more are getting **added frequently**
- Data is **curated by the provider**
- You are not limited to the existing reports and dashboards
- The Power BI AppSource supercharged with AI, suggests interesting and relevant apps to end users.



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AppSource – My Organization

- Similar to Service Content Packs, they contain elements like datasets, reports, dashboards, and even Excel files
- Can be **shared** with **specific teams** (groups) or with an **entire organization**
- A **dedicated library** exists to display them, which **follows permissions** and is **searchable**
- **Analytical elements are read-only** but **can be extended**. At that time, a **personal copy** is generated
- **Updates** to the source content pack will not overwrite the personal copy
- Only the **creator controls content and data refresh scheduling**
- Except for SSAS as a source and Cloud Secured models, **all users see the same data**

Solution Templates



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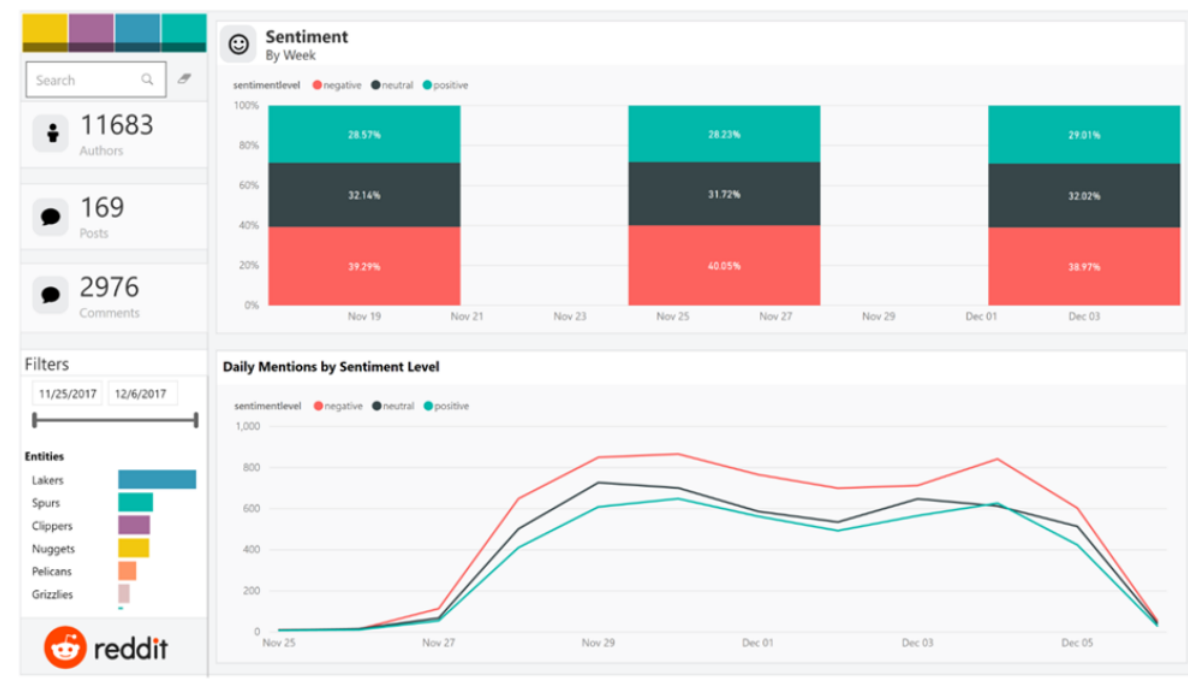


Connect from Excel



Mobile Reports

- OOB solutions with ETL, storage and reports
 - Example Reddit: Combining AI with interactive visual analytics to reveal how different brands are performing across the Reddit platform
1. Overview – This workbook shows the big picture for selected brands and the key influencers and communities talking about them.



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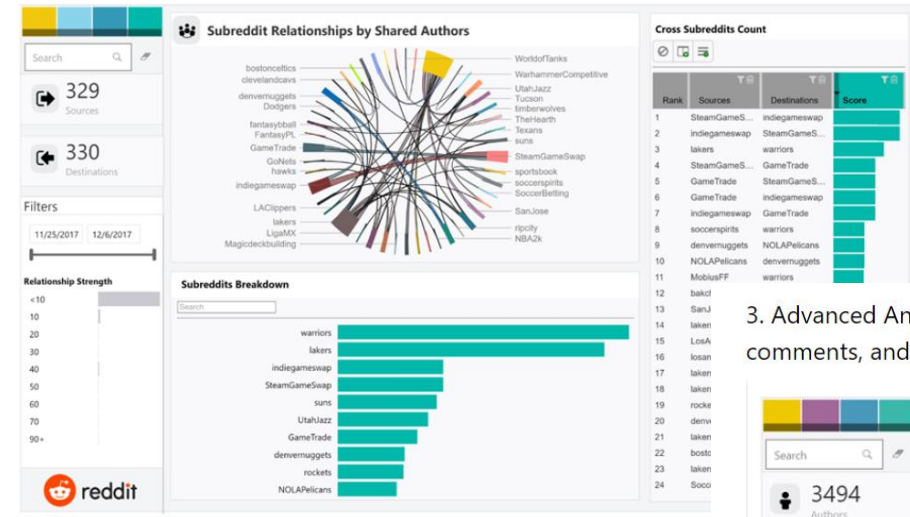


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2. Targeting and Activation – This workbook reveals how communities relate to brands across the Reddit platform and highlights key influencers.



3. Advanced Analytics – This workbook enables deep analytic exploration of Reddit posts, comments, and user activity relating to selected brands.

