Questions and Answers

Question: Can we cover working with formatted text (HTML)?

Answered Post Event: *You can format text using HTML in Power BI. This can be done by using the "HTML Viewer" visual and entering the desired HTML code in the "HTML" field of the visual's properties. This allows you to customize the formatting and layout of text within the visual.*

Question: Is Power BI Accessible, we have individuals who use screen readers.

Answer: *Yes. Microsoft 365 has many accessibility features built in, and they are available within Power BI. Features include support for keyboard navigation, high contrast mode, and screen reader compatibility. Additionally, Power BI also includes an Accessibility Checker tool that allows users to check their reports for accessibility issues and make any necessary adjustments.*

Question: Can you create heat maps with the ArcGIS button?

Answer: *Power BI has a built-in integration with ArcGIS, which allows you to use ArcGIS maps and layers within Power BI reports. You can use the ArcGIS Map layer in Power BI to create heat maps by using the "Heat Map" visualization option. This will display the data as a heat map with colors that represent the density of data points in that area. Additionally, you can also use the ArcGIS Map Service Layer to create heat maps using ArcGIS. Keep in mind that to use ArcGIS in Power BI you will need a valid ArcGIS Online or ArcGIS Enterprise account and a ArcGIS Pro 2.6 or later.*

Question: Does the user need an account to view the dashboards?

Answer: *It depends on the type of Power BI report and the license the creator of the report has. We showed and shared links to some PBI examples. The Power BI Embed licenses (EM SKUs), also considered a Premium license, allow you to embed Power BI reports within a Teams or a SharePoint site. This means end-users don't need any Power BI license to view your reports. In some cases, you may need an enterprise license to post reports. The need for some report types could drive a need for organization to Power BI Premium licensing. Microsoft should be able to assist.*

Question: How would you port something created in Power BI Desktop to the licensed version? Is there an export? I don't think you can sign into Power BI desktop with your licensed account ("If a user account has been assigned a Free license, the user is authorized to access only the commercial cloud and will encounter authentication and access issues." from - https://learn.microsoft.com/en-us/power-bi/enterprise/service-govus-overview)

Answer: *We recommend that you discuss this with your IT resource.*

Question: Can you connect to an MS Project web file?

Answer: Yes, it is possible to connect to a Microsoft Project Web file with Power BI. One way to do this is by using the "Project Online" connector in Power BI Desktop. This allows you to connect to a Project Web App and import data directly into Power BI. You will need to provide your Project Online credentials and select the specific project you want to connect to. Another option is to use the "Web" connector in Power BI Desktop. This allows you to connect to a Project Web App and import data by providing the URL of the Project Web App and credentials. Using the "OData Feed" connector in Power BI Desktop, you can connect to the Project Web App OData feed and import data directly into Power BI. Also you can export data from MS Project to Excel and then import it to Power BI. Please note that in order to use these options, you need to have a Project Online license and a user account that has access to the Project Web App.

Question: Can [PBI] also do plotting on maps like google? We currently use that graph plotting a lot.

Answer: Yes! It has a built-in visualization called "Map" that allows you to plot data on a map and customize the look and feel of the map. You can plot data on maps using different types of layers, including: Map, Filled Map, Shape Map, ArcGIS Map, Bubble Map, and Filled Arc.

Question: Is there a way to provided non-technical users a predefined collection of metadata they can work with so they don't need to directly work with a database's tables?

Answer: *This is the Power of BI, users simply connect to the data source, they are not working with, modifying, or changing data in the databases tables. This is the value of Power BI, it can connect to the data, real time, but is not modifying it.*

Question: What are some of the other industry wide tools equivalent to Power BI?

Answer: *Tableau. QlikView, Looker, SAP Lumira, Cognos are some of the more popular competing products. They offer similar functionalities like data visualization, dashboards, report creation, etc. but each one has its own strengths, capabilities, and pricing model.*

Question: Would it be possible to stream telemetry data from a network device via an API or something similar? (i.e. gather data from a Cisco WLC device for real-time reporting)

Answered Post Event: *Yes, it is possible to stream telemetry data from a network device via an API or something similar in Power BI. One way to achieve this is by using the Power BI REST API, which allows you to push data into a Power BI dataset in real-time. This would allow you to gather data from a Cisco WLC device and visualize it in real-time in Power BI. To achieve this, you would need to have a good understanding of the device's API and the Power BI REST API, as well as experience working with web APIs and data integration. Additionally, it's important to keep in mind that you should have the right credentials, permissions, and access to the device's API.*

Question: Can visualizations be viewed in SharePoint?

Answer: Absolutely, we do this all the time. To publish a report or dashboard to SharePoint the creator will need a Power BI Pro or Enterprise license. You could even post a report, that lives on a SharePoint site, as a Tab in Microsoft Teams!

Question: If I have a Public Website and want to Embed a PowerBI Report in it, how would I share with PowerBI our Internal User/StudentID along with any Roles/Permissions to use in generating the Report? There would be CONFIDENTIAL information in the Report that should ONLY be viewable based on the User/Role AND they do NOT have MS360/AD Accounts.

Answer Post Event: *This is a complex ask. I would recommend a call with one of our resources to see if they may be able to assist because we do not fully understand how you intend to use a public website, then need to limit the **data** that is displayed. You would need some type of verification, and we would need to discuss your vision in more detail.*

Question: If user has an office 365 account, how will a user be able to install Power BI desktop?

Answer: *You can go to https://powerbi.microsoft.com/en-us/downloads/ You will need to have admin permissions to install the software. You do not need a license to use Power BI Desktop for creating and designing your own reports. However, if you want to share your reports with others, you will need a Power BI Pro or Power BI Premium license.*

Question: Can we use Power BI as a replacement for Crystal Reports?

Answer: *Generally speaking, yes. You would likely need to build new reports.*

Question: How do we connect to Oracle?

Answer: The presenter showed many ways to connect to data sources, specific to Oracle:
There are a few ways to connect Power BI to an Oracle database:

One way is to use the "Oracle" connector in Power BI Desktop. This option allows you to connect to an Oracle database and import data directly into Power BI. You will need to provide the server name, port number, and credentials for the database.

Another option is to use the "ODBC" connector in Power BI Desktop. This allows you to connect to an Oracle database using the Open Database Connectivity (ODBC) standard. You will need to have an ODBC driver installed on your machine and configure a Data Source Name (DSN) for the Oracle database.

You can also use the DirectQuery feature, which allows you to connect to an Oracle database and query the data in real-time, without importing it into Power BI. This option can be useful if you have a large amount of data or if you want to keep your data up to date.

Before you start, make sure that you have the correct version of the Oracle client software installed on your machine, and that you have the necessary credentials to connect to the Oracle database.

Question: Can you talk a little bit about data security, especially about data stored in the Power BI server?

Answered Post Event: *To reiterate from a previous question, when you connect to a data source you are consuming or reading the data, you are not changing data in sources database. Here is some additional security information provided by Microsoft.*

Data security is an important aspect of using Power BI, especially when it comes to data stored on the Power BI server. Microsoft takes data security very seriously and provides several built-in features and best practices to help ensure the security of your data.

- *Authentication: Power BI supports a variety of authentication methods, including multi-factor authentication (MFA), to help ensure that only authorized users can access your data.*
- *Role-Based Access Control (RBAC): Power BI provides role-based access control (RBAC) that allows you to control access to your data at the dataset, report, and dashboard level. This allows you to assign different roles and permissions to different users, ensuring that only authorized users can access specific data.*
- *Data Encryption: Power BI uses data encryption to help protect your data both in transit and at rest. This includes encryption of data in transit using Secure Sockets Layer (SSL) or Transport Layer Security (TLS) and encryption of data at rest using Azure Storage Service Encryption (SSE).*
- *Data Governance: Power BI provides data governance features that allow you to manage your data, including classifying and labeling data, tracking data lineage, and data retention policies.*
- *Compliance: Power BI is compliant with various industry standards, including SOC 2, HIPAA, and GDPR.*

- *Network Security: Power BI servers are deployed in Microsoft's secure Azure data centers, which are protected by multiple layers of security, including network security, access control, and monitoring.*

It's important to keep in mind that while these built-in features can help ensure the security of your data, it's also important to follow best practices, such as regularly reviewing and updating your security settings and training users on how to handle and protect data. Additionally, it's important to have an incident response plan in place in case of a security breach.

Question: What are the best options to integrate power BI with Jira

Answer: *Microsoft has a blog post that explores your Jird Data and Power BI. What we like so much about Power BI is it can connect to so many data sources. This link may be helpful:*
https://powerbi.microsoft.com/en-ie/blog/explore-your-jira-data-with-power-bi/

Question: Is ArcGIS map built in Power BI?

Answer: *ArcGIS is not built into Power BI, but it is possible to integrate maps from ArcGIS with Power BI through the use of ArcGIS Maps for Power BI.*

Question: Hello, Do you have examples of setting up a file one-time then auto updates with new data. In addition, do you have examples of automatically pulling data from a database (SAP or Cognos) and updating dashboards?

Answered Post Event: *I'm sorry that we didn't cover these specific examples, but Jon did demo ways to connect to various data sets. There are SOOOO many. So much, so little time. You can set reports to refresh automatically. I've done this myself with a published report that pulls from a SharePoint list and updates daily. These steps may be helpful for you. We do offer some training options as well, live or on demand.*

These details from our AI specialist might get you going in the right direction. – If we can be of assistance with additional **training,** *please let your DIR contact know.*

To schedule a Power BI report to refresh automatically, you will need to do the following:

1. **Open the Power BI report that you want to schedule.**
2. *Select the "Schedule Refresh" button on the top right corner.*
3. *In the "Schedule Refresh" dialog box, you can configure the schedule by selecting the frequency of the refresh, the start and end date and the time of the refresh.*
4. *Click "Apply" to save the schedule.*

Please keep in mind that there are some limitations to the schedule refresh feature, like the data source refresh frequency, data storage, and number of data refreshes per day. These limitations vary depending on the license type of the Power BI service that you are using.

Additionally, to schedule refresh, your data source needs to support refresh, and you need to have the right credentials, permissions, and access to the data source.

It's also worth to mention that you can schedule refresh for a dataset, not just for a single report, this way all reports that use that dataset will have the same refresh schedule.

If you would like additional information about Power BI, Power BI training, M365 Training, and more, please reach out to your DIR Contact, Angela Leclerc |

Email: aleclerc@knowledgewave.com
Direct: 802.490.5360
Toll Free: 800.831.8449
or visit KnowledgeWave's DIR page.

Request a Demo of the KnowledgeWave Learning Site