

Q10.What are the filters available in Power Bi?

Power BI offers a variety of filters to help you analyse and visualize your data. Here are the types of filters available in Power BI:

1. Visual level filters: These filters apply to a specific visual in your report, such as a chart or table. You can use visual level filters to limit the data displayed in the visual based on specific criteria, such as a date range or category.
2. Page level filters: These filters apply to all visuals on a page. You can use page level filters to create interactive reports that allow users to explore different subsets of the data by selecting different filters.
3. Report level filters: These filters apply to all pages in your report. You can use report level filters to create a consistent view of your data across all pages in your report.
4. Drillthrough filters: These filters allow you to create a drillthrough experience in your report. Users can click on a data point in a visual to drill down to a more detailed view of the data.
5. Cross-filtering: This allows you to filter one visual based on the selection in another visual. For example, you can use a slicer to filter a chart based on the selected category.
6. Top N filter: This filter allows you to show the top N items based on a selected measure. For example, you can use a top 10 filter to show the top 10 products by sales.

7. Relative date filter: This filter allows you to filter data based on a relative date range, such as last week or last month.
8. Advanced filters: These filters allow you to create complex filters using multiple conditions and operators

Q11. What are the connectivity mode are available in Power Bi?

1. Import: In this mode, data is imported into Power BI and stored in its own data model. The data is static and does not update automatically unless you manually refresh it.
2. DirectQuery: In this mode, Power BI connects to the data source and queries it in real-time to retrieve data. This mode is useful for large data sets that cannot be imported into Power BI, as well as for situations where you need to see the latest data.
3. Live Connection: In this mode, Power BI connects to a data source and allows you to create reports based on the data in real-time. This mode is similar to DirectQuery, but the data is stored in the data source rather than in Power BI.
4. Power BI Dataflows: This mode allows you to create, manage, and use ETL (Extract, Transform, Load) processes for data integration and transformation in Power BI.

5. Power BI datasets: In this mode, you can create and manage shared datasets in Power BI that can be used across multiple reports and dashboards.
6. Power BI streaming datasets: This mode allows you to stream data into Power BI in real-time using APIs or other data sources.

Q12. What are the various types of refresh options provided in Power BI?

Four important types of refresh options provided in Microsoft Power BI are as follows:

- Package refresh - This synchronizes your Power BI Desktop or Excel file between the Power BI service and OneDrive, or SharePoint Online.
- Model or data refresh - This refreshes the dataset within the Power BI service with data from the original data source.
- Tile refresh - This updates the cache for tile visuals every 15 minutes on the dashboard once data changes.

- Visual container refresh - This refreshes the visible container and updates the cached report visuals within a report once the data changes.