

Power Bi Services

1. What is Alert, Subscription?

Alert

Alert in the Powerbi Services is to notify you when data on a dashboard changes above or below Limit you set. Alert can be set on tiles Pinned from report Visuals or from Powerbi D&A and only on gauges, KPIs and card Alert works only on data that was refreshed.

Subscription

On Subscription yourself and others to PowerBi reports, dashboard and Pagenated reports, you receive an email at schedule you set. The email contains a Snapshot and link to the report or dashboard.

2. What is PowerBi Service?

Powerbi is a collection of software services, apps and connectors that work together to help you create share and consume business insights in the way that serves you and your business effectively.

3. What is ~~Y~~ Gateway Connections and types?

Powerbi Gateway connects PowerBi cloud based data analysis technology and the data source on-premises. Gateway is an application that can be installed on any server in the local domain. Gateway is responsible for creating the connection and passing data through.

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Types of gateway

- 1). On premises data gateway (Standard); Allows multiple user to Connect
- 2). On premises data gateway (Personal); Allows One user to Connect to Sources and Can't be started with others.
- 4). What is data flow?

A Data flow is a Collection of tables there are created and managed in workspace in the PowerBi Services. A Table is a set of columns that are used to store data, much like a table within a database.

- 5). What is CI/CD Pipeline?

CI/CD stands for Continuous Integration and Continuous delivery and is a practice designed to help development teams ensure reliable delivery of frequent changes to a product. In case of PowerBi, the products are datasets, reports and dashboards.

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6). what is Switch function?

The Switch function in DAX is widely used to define different execution path dependency on the Condition of expression.

7). Will you able to create multiple workspace?

By default, you can create only one workspace per user per directory. However if needed you can create more than one workspace for a user depending on your directory setup.

8). What is SCD?

Slowly changing dimensions capture changes to data over time.

Types of SCD

SCD-1 Overwrite old data with New data historical information.

SCD-2 Maintain historical Version by adding New records for changes, often with Surrogate Key and date Columns.

SCD-3 Keeps both old and New Values in Separate Column, allowing limited historical tracking.

9). What is Paginated Report?

Paginated Reports are designed to be printed or shared. They're called Paginated because they're formatted to fit well on a Page. They display all the data in a table, even if the table spans multiple Pages. Paginated reports only works on PowerBI Pro or a Premium license.

10). How to Configure Schedule Refresh in PowerBI Service

1. In the Navigation Pane, under Semantic models, Select a Semantic model.

2. Select Refresh > Schedule refresh

3. Set the refresh rate to 8 hours

Continuous refresh is also available to help keep your data up-to-date.

Delivery schedule allows for scheduled delivery of PowerBI reports to specific audiences.

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