

1. Difference between Power BI Desktop and Power BI Online Service

- **Power BI Desktop:** Free Windows application for building reports and models.
- **Power BI Online Service:** Web-based platform for sharing, publishing, and collaborating on Power BI reports, dashboards, and datasets.

2. Publishing a Report from Desktop to Power BI Service

- In Power BI Desktop: click "**Publish**" → sign in → choose a workspace → the report is uploaded to Power BI Service.

3. What is a Workspace in Power BI?

- A **workspace** is a container in Power BI Service for datasets, reports, dashboards, and dataflows.
- **Types:**
 - **My Workspace** (personal)
 - **Shared/Collaborative Workspaces** (for teams)
 - **Premium Workspaces** (for larger orgs with Premium capacity)

4. Workspace vs. App in Power BI

- **Workspace:** Editable area for creating reports/dashboards.
- **App:** A packaged version of content from a workspace that is **read-only** and shared with others for easy access.

5. Power BI License Types & Limitations

- **Free:** Build reports in Desktop; limited Service access.
- **Pro:** Share content, collaborate, create workspaces.
- **Premium per User (PPU):** More capacity, paginated reports, AI, large datasets.
- **Premium Capacity:** Enterprise-scale sharing without per-user licenses.

6. Sharing with Non-Pro Users

- Requires **Premium capacity workspace**.
- Non-Pro users can **view** content published in an **App backed by Premium**.

7. What is a Semantic Model (Dataset)?

- A **dataset** is the data model (tables, relationships, measures).
- Stored in the **Power BI Service**, typically under a workspace.

8. Scheduled Refresh in Power BI Service

- Enables automatic data updates from connected sources.
- Configure under **Dataset settings** → **Scheduled refresh**.

9. Dataset vs. Dataflow

- **Dataset**: Imported or live data used in reports.
- **Dataflow**: A reusable ETL process (Power Query online) used to **prepare data** before importing into datasets.

10. When to Use Dataflow Instead of Dataset

- When multiple datasets need the **same transformed data**
- Centralize data prep, reduce redundancy, and improve maintenance.

11. What is a Dashboard?

- A **dashboard** is a collection of visuals from multiple reports pinned together.
- Unlike reports, dashboards are **1-page** and **interactive summaries**.

12. Pinning Visuals to a Dashboard

- Open a report → hover over a visual → click "**Pin visual**" → choose a dashboard to pin it to.

13. What is Mobile View in Power BI?

- A custom layout designed for viewing reports on **Power BI Mobile app**.
- Useful for mobile users to get quick, focused insights.

14. What is a Paginated Report?

- Pixel-perfect report (like SSRS) for printing/exporting large tabular data.
- Used when precise formatting, printing, or large exports are needed.

15. Export to PDF or PowerPoint

- Open the report in Power BI Service → File → Export to PDF or PowerPoint.
- Requires Pro license or Premium workspace access.

16. What is “Live Connection”?

- A connection to an external data model (e.g., Analysis Services or another Power BI dataset) where **no data is imported**.
- Queries run in real-time on the source.

17. Row-Level Security (RLS)

- Restricts data at the **row level** based on the user.
- Defined in Power BI Desktop → roles & DAX filters → published to Service → assigned users in **Manage Roles**.

18. Testing RLS in Power BI Service

- In the dataset's settings → **Security** → select a role → **Test as Role** to simulate user views.

19. What are Power BI Apps?

- Pre-packaged collections of reports and dashboards from a workspace.
- Published to users or groups with optional access control and navigation.

20. Key Benefits of Power BI Service in Enterprise

- Centralized data sharing and collaboration
- Scheduled refreshes and automated insights
- Row-level security and governance controls
- Scalable infrastructure via Premium capacity
- Mobile, web, and integration with Microsoft 365