

1) The main difference is that **Power BI Desktop** is a free Windows application for building data models and reports, while **Power BI Service (Online)** is a cloud-based platform for sharing, collaborating on, and viewing those reports. They are designed to work together in a typical workflow.

2) **Step-by-Step Guide to Publishing**

1. **Publish from Power BI Desktop:** With your report file (.pbix) open in Power BI Desktop, click "Publish" on the **Home** ribbon. Alternatively, you can go to **File > Publish > Publish to Power BI**.
2. **Sign In to Your Account:** If you aren't already signed in, a window will prompt you to log in to your Power BI account. You need a work or school account; personal email accounts (like Gmail or Yahoo) are not accepted.
3. **Select a Workspace:** A dialog box will appear showing your available workspaces in the Power BI service. **Select the workspace** where you want to publish your report (like '**My Workspace**' or a specific team workspace) and click "**Select**".
4. **Completion and Confirmation:** Power BI Desktop will upload your file. A success message will appear once the publishing is complete. You can then click the provided link to **open your report directly in the Power BI service**.
- 3) In Power BI, a **workspace** is a collaborative container for dashboards, reports, datasets, and other related content. Think of it as a shared folder where teams can work together to develop and manage collections of Power BI items before packaging and distributing them to a broader audience as a polished app.

 **Types of Workspaces**

There are two main types of workspaces in Power BI, each serving a different purpose:

1. What is the difference between Power BI Desktop and Power BI Online Service?
2. How do you publish a Power BI report from Desktop to the Online Service?
3. What is a workspace in Power BI? What are the types of workspaces available?
4. What is the difference between a workspace and an app in Power BI?
5. Explain the different Power BI license types and their limitations.
6. How can you share a report with someone who doesn't have a Pro license?
7. What is a semantic model (dataset) in Power BI, and where is it stored in the service?
8. How does Scheduled Refresh work in Power BI Online Service?
9. What is the difference between a dataset and a dataflow in Power BI?
10. When and why would you use a dataflow instead of a dataset?
11. What are dashboards in Power BI Online? How are they different from reports?
12. How do you pin a visual to a dashboard from a report?
13. What is the mobile view in Power BI and why is it useful?
14. What is a paginated report in Power BI and when would you use it?
15. Can you export reports from Power BI Service to PDF or PowerPoint? How?
16. What does "Live Connection" mean in Power BI Service, and how does it work?
17. Explain Row-Level Security (RLS) and how it's applied in Power BI Online.
18. How can you test RLS roles in Power BI Service?
19. What are Apps in Power BI and how do you publish one?
20. What are some key benefits of using the Power BI Online Service in enterprise environments?