

Power Bi Service Assignment

1. What is Power BI service in Power BI?

Power BI Service is the cloud-based version of Power BI hosted on the Microsoft Power Platform.

It is used to:

- Publish and share reports
- Collaborate with others
- Schedule data refreshes
- Create dashboards
- Manage workspaces

❖ Key Components of Power BI Service:

Component	Description
Dashboard	A single-page visualization summary (tiles).
Report	A multi-page interactive visual display.
Dataset	Data source (table, model) used for reports.
Workspace	Shared place for building & managing content.
App	Packaged dashboard/report for distribution.

2. What are the benefits of Power BI service?

Benefit	Description
Web-based Access	Access reports and dashboards from any device with a web browser—no installation needed.
Collaboration & Sharing	Share reports and dashboards with team members or external stakeholders securely.
Dashboards	Create dashboards by pinning visuals from multiple reports, giving a high-level summary.
Scheduled Data Refresh	Automate data updates from cloud or on-premise sources so reports always show current data.
Mobile App Support	Use Power BI mobile apps (iOS/Android) to access reports and dashboards on the go.
Row-Level Security (RLS)	Restrict data access by user role to ensure each person only sees relevant data.
Integration with Microsoft 365	Seamless connection with Teams, SharePoint, Excel, OneDrive, and Outlook for end-to-end workflow.
Commenting and Alerts	Users can comment on reports and set up data alerts for specific values.
App Creation & Distribution	Package dashboards, reports, and datasets into a Power BI App for easy deployment to business units.
Workspaces	Organize, manage, and co-author reports in shared workspaces with permission control.