**Day – 26 Assignment**

**Types of Power BI Licensing**

As of July 2024, Power BI licensing has become closely tied with Microsoft Fabric. Whether you’re an individual building reports for personal use or part of a large organization managing business-wide dashboards, the type of Power BI license one has affects what you can do inside the Power BI service. There are two main types of licenses: per-user licenses and capacity-based licenses.

1. **Per-User Licenses**

These are licenses assigned to individual people. There are three kinds:

|  |  |
| --- | --- |
| **Licence Type** | **Description** |
| **Fabric (Free):** | This is the most basic license. You can connect to your data, build your dashboards, and view them privately. But you can’t share your reports with anyone else or publish them to shared workspaces unless someone with a paid license shares their Premium workspace with you. |
| **Power BI Pro:** | This is the standard paid license for professionals. With it, you can share reports, publish content to shared workspaces, and collaborate with other Pro users. If you’re working in a team or want to distribute dashboards regularly, Pro is usually the starting point. |
| **Power BI Premium Per User (PPU):** | This license includes everything from the Pro license, plus additional features like larger datasets, paginated reports, and access to AI tools. However, sharing still has limitations—only users who also have a PPU license can view content unless it’s hosted in a Premium capacity workspace. |

1. **Capacity-Based License**

This is an organizational-level subscription, where the company buys a Premium capacity (like P1, F64, etc.), which provides dedicated resources for faster processing, more storage, and broader sharing.

If your content is hosted in a Premium capacity, then even users with free licenses can view and interact with the reports, making it ideal for larger organizations.

**Differences Between the License Types**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Features/Capabilities** | **Fabric(Free)** | **Power BI Pro** | **Power BI Premium Per User(PPU)** | **Premium Capacity(Org-level)** |
| **Create personal reports** | Yes | Yes | Yes | Yes |
| **Publish to shared workspaces** | No | Yes | Yes | Yes |
| **Share with others** | No | Yes | Yes | Yes |
| **Consume content created by others** | Only if premium workspace | Yes | Yes | Yes |
| **Advanced features (AI, Paginated reports, etc.)** | No | No | Yes | Yes |
| **Max dataset size** | 1 GB | 1 GB | 100 GB | Up to 400 GB + |
| **Schedule data refreshes per day** | 8 | 8 | 48 | 48 |
| **Dedicated resources** | No | No | No | Yes |
| **Ideal for** | Individual use, self-learning | Small teams, basic sharing | Advanced Users needing Premium features | Enterprises with many users or large reporting workloads |

**Summary:**

1. **Free users** can only create and view their own content.
2. **Pro users** can share content and collaborate, but only with other Pro users (unless a Premium capacity is used).
3. **PPU users** have access to more advanced features but can only share with other PPU users, unless Premium capacity is involved.
4. **Premium capacity** allows wide sharing and offers the best performance, especially for larger teams or enterprise reporting.

**Benefits of Power BI Premium over Power BI Pro**

|  |  |  |
| --- | --- | --- |
| **Feature** | **Power BI Pro** | **Power BI Premium( PPU or Capacity)** |
| **Dedicated performance** | No | Yes |
| **AI Features(AutoML, etc.)** | No | Yes |
| **Paginated reports** | No | Yes |
| **Large data model support** | Up to 1 GB | Up to 100-400 GB |
| **Daily data refresh limit** | 8 times | 48 times |
| **Share with free users** | No | Yes |
| **Best for** | Small teams | Large teams/enterprises |

While Pro works well for basic collaboration, Premium is a better choice when performance, scalability, and enterprise-level features are important.