1. **Types of Power BI Licensing :**

Power BI offers several licensing options depending on usage and organizational needs:

* **Power BI Free**:
  + Ideal for individual use.
  + Allows building and viewing reports on your local PC.
* **Power BI Pro**:
  + Required for sharing and collaboration in the Power BI service.
  + Enables publishing to Power BI workspace, creating dashboards, and app usage.
* **Power BI Premium (Per User)**:
  + Includes all Pro features.
  + Adds AI capabilities, paginated reports, larger datasets (100GB), and deployment pipelines.
* **Power BI Premium (Per Capacity)**:
  + Best for large organizations.
  + Dedicated cloud resources.
  + Allows report sharing without requiring all viewers to have Pro licenses.

**2. Difference Between All Types of Licensing**

| **Feature** | **Power BI Free** | **Power BI Pro** | **Premium (Per User)** | **Premium (Per Capacity)** |
| --- | --- | --- | --- | --- |
| Share Reports | ❌ | ✅ | ✅ | ✅ |
| Collaborate in Workspaces | ❌ | ✅ | ✅ | ✅ |
| AI Capabilities | ❌ | ❌ | ✅ | ✅ |
| Paginated Reports Support | ❌ | ❌ | ✅ | ✅ |
| Dedicated Cloud Resources | ❌ | ❌ | ❌ | ✅ |
| License Required for Viewers | ❌ | ✅ | ✅ | ❌ (Only author needs it) |

3 . Benefits of Power BI Premium over Power BI Pro :

* **No license required for viewers** (if using per capacity)
* **Higher data capacity** (up to 400 GB dataset size)
* **AI + ML features** like AutoML, Cognitive Services
* **Paginated Reports Support**
* **Larger refresh rates** (48/day vs 8/day in Pro)
* **Deployment pipelines for Dev > Test > Prod**
* **Enhanced performance** due to dedicated resources