## PRACTICAL 9

**Aim:** Study and analysis of Business Intelligence tools.

| **Feature/Aspect** | **Power BI** | **Tableau** | **QlikView** | **Pentaho** |
| --- | --- | --- | --- | --- |
| Vendor | Microsoft | Salesforce | Qlik | Hitachi Vantara |
| Primary focus | Self-service BI | Data visualization | Associative data model | End-to-end data integration & analytics |
| Licensing model | Subscription | Subscription & Perpetual | Subscription & Perpetual | Subscription & Open-source |
| Data connectors | Large number of connectors | Large number of connectors | Large number of connectors | Wide range of connectors |
| Ease of use | User-friendly interface | Intuitive interface | Moderate learning curve | Moderate learning curve |
| Data visualization | Good visualization capabilities | Excellent visualization capabilities | Good visualization capabilities | Good visualization capabilities |
| Data preparation | Basic data preparation | Advanced data preparation | Advanced data preparation | Advanced data preparation |
| Mobile support | Yes | Yes | Yes | Yes |
| Embedding & API | Power BI Embedded & REST API | Tableau JavaScript API & REST API | QlikView Workbench & QlikView SDK | Pentaho API |
| Integration | Strong integration with Microsoft ecosystem | Integrates well with various platforms | Integrates well with various platforms | Integrates with various platforms and tools |
| Advanced analytics | Limited | Advanced analytics capabilities | Advanced analytics capabilities | Advanced analytics capabilities |
| Scalability | Scalable | Scalable | Scalable | Scalable |
| Community & support | Large community & support | Large community & support | Large community & support | Large community & support |