TABLEAU

- Introduction to Tableau
- What is Tableau? Installing Tableau Desktop.
- Exploring the Tableau interface.
- Data Connection and Transformation
- Data source management.
- Working with data joins and relationships.
- Data blending.
- **Advanced data preparation techniques.**
- Basic Visualization Techniques
- Building bar charts and line charts.
- Creating scatter plots and maps.
- Developing pie charts and tree maps.
- Customizing visualizations.
- Dashboard layout and design principles.
- **Intermediate Visualization Techniques**
- Advanced chart types (box plots, heat maps, etc.).
- Calculated fields and formulas,
- Parameters and sets.
- Hierarchies and groups
- Interactive filters and actions.
- **Advanced Visualization Techniques**
- Drill-down and drill-through.
- Building advanced dashboards.
- Building real-time and live dashboards.
- **Mapping and Spatial Analysis**
- Spatial analytics with Tableau.
- Building location-aware dashboards.
- **Advanced mapping techniques.**
- Data Integration and Automation
- Integrating Tableau with other tools (Python, R).
- Performance Optimization
- **Data Security and Sharing**
- Advanced Topics and Final Projects