

Tableau Certified Consultant

Course Duration: 40 Hours

Course Description:

This course is intended for individuals who engage with customers to lead the design of an analytics solution within the Tableau platform and professionals who are already working in data analysis, reporting, or business intelligence and want to deepen their knowledge and gain a certification to advance their careers.

Prerequisites:

Foundational understanding of Tableau and some experience with data analysis and visualization.

Table of Content

Module 1: Evaluate Current State

1.1 Map current state of analytics to future state

- Assess Reports
- Align with Tableau
- Translate Requirements
- Platform Recommendation

1.2 Evaluate current data structures

- Support Check
- Data Lineage
- Performance Risks
- Enhancement Opportunities

Module 2: Plan and Prepare Data Connections

2.1 Plan for data transformation

- Storage & Strategy
- Transformation Tools
- Calculation Impact
- Granularity

2.2 Design a row-level security (RLS) data structure

- Implement RLS
- Group vs. User Functions
- Hierarchies
- RLS Approaches

2.3 Plan and implement advanced connections to data

- Connection Methods
- Tableau Bridge
- Data Preparation
- Aggregation
- Essential Fields
- Troubleshooting

Module 3: Design and Troubleshoot Calculations and Workbooks

3.1 Design analytics for advanced use cases

- Advanced Chart Types
- Custom Calculations
- Order of Operations
- Dashboard Interactivity like dynamic actions and parameter controls.
- Augmented Analytics

3.2 Design workbooks to optimize Query Performance

- Caching for Tableau Server.
- Resolve Calculation Issues
- Upstream Calculations
- Performance Recordings
- Fix Design Elements Issues

3.3 Implement advanced calculations that include multiple steps

- Implement Aggregations
- Advance Table Calculations

- Date Functions
- Advanced LODs
- Troubleshooting

Module 4: Establish Governance and Support Published Content

4.1 Recommend and apply a Tableau governance strategy

- Governance Mapping
- Access Security
- Content Organization
- Data Quality
- Compliance Evaluation

4.2 Design custom administrative views

- Schema Interpretation
- Insights
- Permissions

4.3 Recommend a content distribution strategy

- Publishing Requirements:
- Workbook Lifecycle
- Version Control

4.4 Identify and resolve errors external to Tableau

- Connection Issues
- Update Failures
- Other Issues