

Tableau

Data Modelling and Performance

8 HOURS



Dan Chissick

Tableau: Data Modelling and Performance

Tableau is a powerful tool for data analysis and visualization. However, to fully leverage its capabilities, especially in complex environments, it is essential to have an in-depth understanding of its data model and advanced features.

Our course is specifically designed for experienced Tableau developers who wish to deepen their knowledge, learn how to work effectively with Relationships, Joins, and multi-fact models, and significantly enhance the performance of their dashboards.

Participants will gain practical tools to streamline workflows, improve data security, analyze performance, and generate accurate insights—enabling them to lead complex projects and deliver real added value to their organization.

By the end of the course, you will be able to:

- Utilize Relationships, Joins, and the Multi-Fact Model
- Apply Cross-Joins for advanced modeling
- Implement efficient and advanced Row-Level Security
- Analyze factors affecting dashboard performance
- Optimize performance at both the data source and dashboard levels
- Use Performance Recordings in a simple and effective manner



Syllabus

Introduction

Data Sources

- Joins and Relationships
- Multi-fact data sources
- Live vs. Extract
- Using cross-joins
- Row-level security

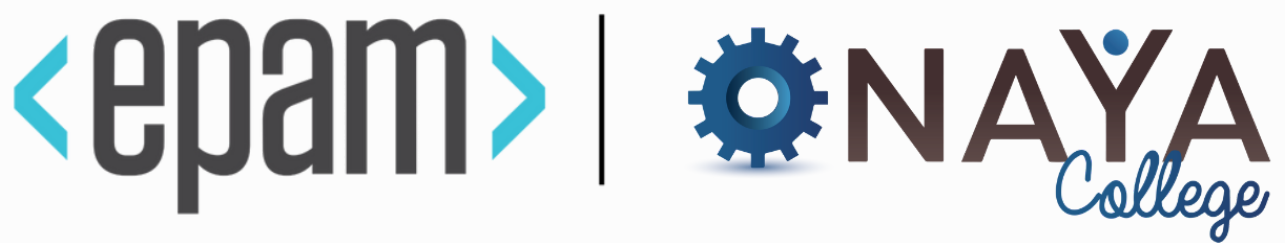
Performance Recording

- How to read performance recordings
- Tips and tricks

Optimizing Performance

- How Tableau Server uses resources
- What affects query performance?
- Dashboard optimization
- Calculations and complexity
- Caching and acceleration
- Hidden factors





Elevate your team to new heights