

10.213 SDK for Customizing Analytical Applications

Course description

Learn how to take advantage of MicroStrategy Web APIs and SDKs to change Web behavior and look-and-feel. Create custom analytics applications and integrate analytics into any business application.

Skills you gain

- Plan customizations for MicroStrategy Web
- Eclipse Integrated Development Environment
- Web Customization Editor
- Create custom pages and links
- Create custom plug-ins and Web beans
- CSS
- Services-oriented architecture (SOA)
- Create styles, transforms, and layouts
- Visualization Builder
- External Security Module (ESM)

MicroStrategy products covered

- MicroStrategy SDK
- MicroStrategy Web

Right for you if

You are a software developer or technically-inclined business analyst who wants to customize the MicroStrategy Web interface and add extra functionality

Best class experience if you have

10.111 Overview of Enterprise Analytics

Java development experience

Eclipse experience

Topics

1. MicroStrategy SDK
 - MicroStrategy Web architecture
 - Page execution flow and customizable components
 - Plug-in architecture
2. Web Customization Editor plug-in
3. Customizing pages
 - Page configuration file
 - Page template and page sections
4. Web beans
 - Beans folder and properties
 - Styles and beans
5. Task infrastructure
 - Tasks and service-oriented architecture
6. Styles, transforms, and layouts
 - Data presentation
 - Transforms and styles
 - Layout definitions
 - Style catalog configuration file
 - Style Editor
7. Cascading style sheets
8. Visualization Builder
9. Customizing security
 - MicroStrategy Web authentication
 - MicroStrategy sessions
 - External Security Module