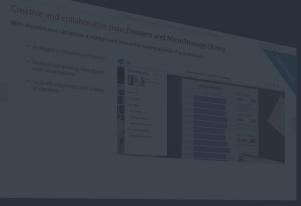# EDUCATION

COURSE

CATALOG

MicroStrategy Training Catalog
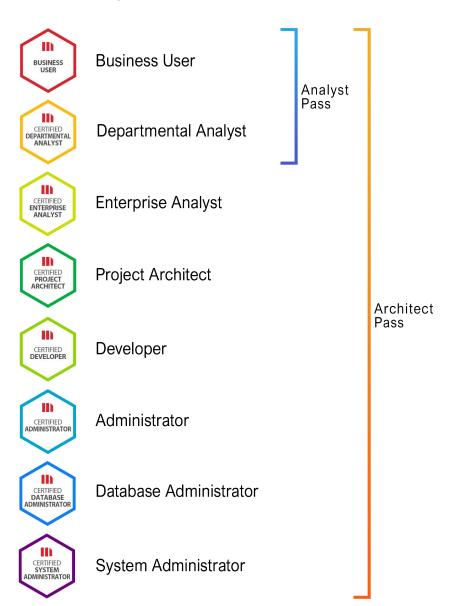
Introduction to MicroStrategy Education

MicroStrategy Education is committed to the success of every MicroStrategy practitioner. We empower you with the skills to get the most out of your analytics investment. Build faster, more secure, more resilient applications and develop them quicker than ever.

Our training is delivered with a modern experience that fits the way you live and work today. We provide flexible learning with stackable, modularized courses, that are 100% online. Our training is shaped around the essential roles that leverage MicroStrategy. Our learning paths are designed so that you can pick and choose which topics you want to learn about.

Demonstrate your skills through Professional Certifications that act as a foundation to build a career in Analytics, proving your expertise using MicroStrategy.

Annual Education Subscriptions

Access to MicroStrategy Education is available via two annual user subscriptions—the Architect Pass and the Analyst Pass. Additional custom or private education is available via Education Services.

What's Included in Your Subscription

- **Courses**: Interactive courses that include instructional videos, hands-on exercises, and quizzes for self-paced or instructor-led learning that spans the essential MicroStrategy roles.

- **Certifications**: Demonstrate your skills through on-demand Professional Certifications that are a foundation to build a career in Analytics, proving expertise in using MicroStrategy. After completing your certification, you'll receive a digital badge that highlights your accomplishment, which you can post on social media.

- **Education Sandbox**: Leverage new features and best practices, hands-on in your own environment. The Education Sandbox provides an environment for you to kick the tires on new features and complete exercises for related courses. The Sandbox is always on and always on the latest version.

- **On-demand Environments**: Students can request three environments per calendar month that run 4 hours each, for a total of 12 hours per month. After using the 12 available hours for the month, students can continue to access the Education Sandbox and create objects there.
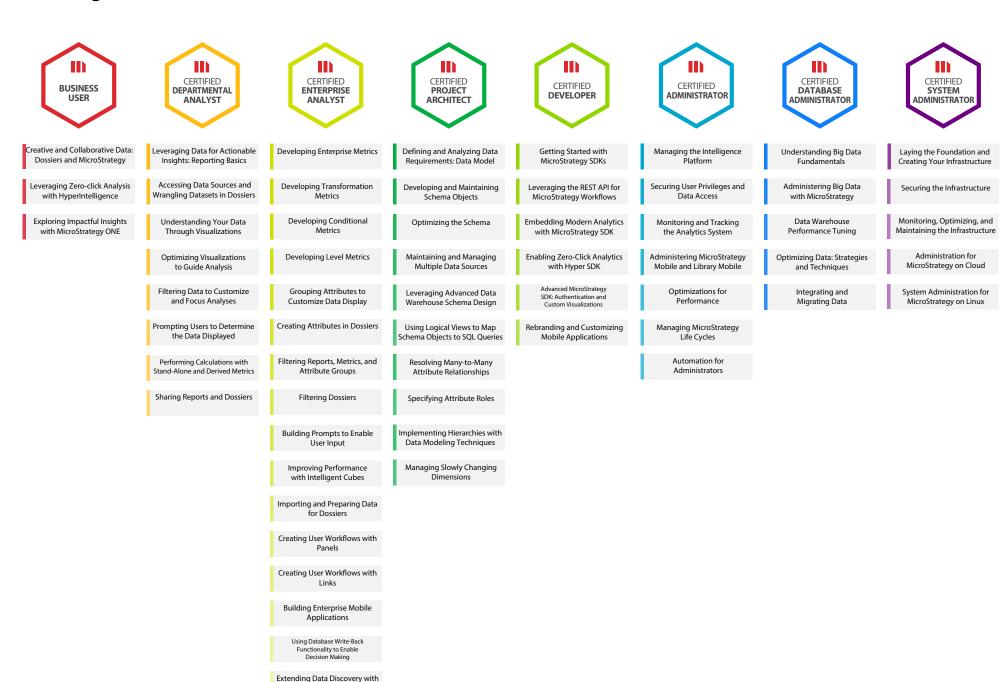
Private and Customized Education

Our experts are available to deliver private training sessions which can be further tailored to the specific needs of your organization. Education experts can also create custom courses using your own data. Education Services includes the labor costs of preparing, customizing, and delivering your content.

TYPE	DESCRIPTION
Private Instructor-led	Existing course or certification delivered privately on-premise or online.
Private and Custom Instructor-led	Existing course customized with your data, reports, dossiers, and cards.
Private and Commissioned Instructor-led	New education experience with instruction and workshops tailored to your specific needs.

Custom Education Portal

Education for everyone. The Custom Learning Portal is a customized learning page, hosted on MicroStrategy.com, that centralizes your learning content, from custom courses to project overviews and how-to videos, all alongside Education courses and certifications.

Learning Path Details

BUSINESS USER
- Creative and Collaborative Data: Dossiers and MicroStrategy
- Leveraging Zero-click Analysis with HyperIntelligence
- Exploring Impactful Insights with MicroStrategy ONE

CERTIFIED DEPARTMENTAL ANALYST
- Leveraging Data for Actionable Insights: Reporting Basics
- Accessing Data Sources and Wrangling Datasets in Dossiers
- Understanding Your Data Through Visualizations
- Optimizing Visualizations to Guide Analysis
- Filtering Data to Customize and Focus Analyses
- Prompting Users to Determine the Data Displayed
- Performing Calculations with Stand-Alone and Derived Metrics
- Sharing Reports and Dossiers

CERTIFIED ENTERPRISE ANALYST
- Developing Enterprise Metrics
- Developing Transformation Metrics
- Developing Conditional Metrics
- Developing Level Metrics
- Grouping Attributes to Customize Data Display
- Creating Attributes in Dossiers
- Filtering Reports, Metrics, and Attribute Groups
- Filtering Dossiers
- Building Prompts to Enable User Input
- Improving Performance with Intelligent Cubes
- Importing and Preparing Data for Dossiers
- Creating User Workflows with Panels
- Creating User Workflows with Links
- Building Enterprise Mobile Applications
- Using Database Write-Back Functionality to Enable Decision Making
- Extending Data Discovery with HyperIntelligence

CERTIFIED PROJECT ARCHITECT
- Defining and Analyzing Data Requirements: Data Model
- Developing and Maintaining Schema Objects
- Optimizing the Schema
- Maintaining and Managing Multiple Data Sources
- Leveraging Advanced Data Warehouse Schema Design
- Using Logical Views to Map Schema Objects to SQL Queries
- Resolving Many-to-Many Attribute Relationships
- Specifying Attribute Roles
- Implementing Hierarchies with Data Modeling Techniques
- Managing Slowly Changing Dimensions

CERTIFIED DEVELOPER
- Getting Started with MicroStrategy SDKs
- Leveraging the REST API for MicroStrategy Workflows
- Embedding Modern Analytics with MicroStrategy SDK
- Enabling Zero-Click Analytics with Hyper SDK
- Advanced MicroStrategy SDK: Authentication and Custom Visualizations
- Rebranding and Customizing Mobile Applications

CERTIFIED ADMINISTRATOR
- Managing the Intelligence Platform
- Securing User Privileges and Data Access
- Monitoring and Tracking the Analytics System
- Administering MicroStrategy Mobile and Library Mobile
- Optimizations for Performance
- Managing MicroStrategy Life Cycles
- Automation for Administrators

CERTIFIED DATABASE ADMINISTRATOR
- Understanding Big Data Fundamentals
- Administering Big Data with MicroStrategy
- Data Warehouse Performance Tuning
- Optimizing Data: Strategies and Techniques
- Integrating and Migrating Data

CERTIFIED SYSTEM ADMINISTRATOR
- Laying the Foundation and Creating Your Infrastructure
- Securing the Infrastructure
- Monitoring, Optimizing, and Maintaining the Infrastructure
- Administration for MicroStrategy on Cloud
- System Administration for MicroStrategy on Linux

For Business Users

Analyze applications, interprets data, and communicates findings across teams.

Chapter 1: Creative and collaborative data: Dossiers and MicroStrategy

Chapter 2: Leveraging zero-click analysis with HyperIntelligence

Chapter 3: Exploring impactful insights with MicroStrategy ONE

For Departmental Analysts

Create, maintain, and share applications that analyze data to help business users and executives in their department make better data-driven business decisions.

Chapter 1: Leveraging data for actionable Insights: Reporting basics

Chapter 2: Accessing data sources and wrangling datasets in dossiers

Chapter 3: Understanding your data through visualizations

Chapter 4: Optimizing visualizations to guide analysis

Chapter 5: Filtering data to customize and focus analyses

Chapter 6: Prompting users to determine the data displayed

Chapter 7: Performing calculations with stand-alone and derived metrics

Chapter 8: Sharing reports and dossiers

Demonstrate your skills: Departmental Analyst   **CERTIFICATION**

For Enterprise Analysts

Create, share, and maintain intelligence applications for the enterprise. Publish standardized application objects and promotes departmental applications from self-service into the enterprise environment.

Chapter 1: Developing enterprise metrics

Chapter 2: Developing transformation metrics

Chapter 3: Developing conditional metrics

Chapter 4: Developing level metrics

Chapter 5: Grouping attributes to customize data display

Chapter 6: Creating attributes in dossiers

Chapter 7: Filtering reports, metrics, and attribute groups

Chapter 8: Filtering dossiers

Chapter 9: Building prompts to enable user input

Chapter 10: Improving performance with intelligent cubes

CERTIFIED
PROJECT
ARCHITECT

For Project Architects

Create, publish, and optimize a federated data layer as the enterprise's single version of the truth. Build and maintain the schema objects and abstraction layer on top of varying and changing enterprise assets.

For Developers

Inject, extend, and embed intelligence into custom and third-party applications. Leverage embedded analytics to enable your organization to build robust, feature-filled business intelligence-enabled applications.

Chapter 1: Getting started with MicroStrategy SDKs

Chapter 2: Leveraging the REST API for MicroStrategy workflows

Chapter 3: Embedding modern analytics with MicroStrategy SDK

Chapter 4: Enabling zero-click analytics with HyperSDK

Chapter 5: Advanced MicroStrategy SDK: Authentication and custom visualizations

Chapter 6: Rebranding and customizing mobile applications

Demonstrate your skills: Developer **CERTIFICATION**

For Administrators

Configure the Intelligence Architecture. Maintain the security layer, monitor system usage, optimize architecture, reduce errors, maximize uptime, and boost performance.

Chapter 1: Managing the intelligence platform

Chapter 2: Securing user privileges and data access

Chapter 3: Monitoring and tracking the analytics system

Chapter 4: Administering MicroStrategy Mobile and Library Mobile

Chapter 5: Optimizations for performance

Chapter 6: Managing MicroStrategy life cycles

Chapter 7: Automation for Administrators

Demonstrate your skills: Administrator **CERTIFICATION**

For Database Administrators

Design and maintain database enterprise assets. Optimize database performance and utilization based on query types, usage patterns, and application design requirements.

Chapter 1: Understanding Big Data fundamentals

Chapter 2: Administering Big Data with MicroStrategy

Chapter 3: Data warehouse performance tuning

Chapter 4: Optimizing data: Strategies and techniques

Chapter 5: Integrating and migrating data

Demonstrate your skills: Database Administrator **CERTIFICATION**

For System Administrators

Set up, maintain, monitor, and continuously support the infrastructure environment through deployment on AWS, Azure, Windows, or Linux, while optimizing performance and controlling costs.

Chapter 1: Laying the foundation and creating your infrastructure

Chapter 2: Securing the infrastructure

Chapter 3: Monitoring, optimizing, and maintaining the infrastructure

Chapter 4: Administration for MicroStrategy on Cloud

Chapter 5: System administration for MicroStrategy on Linux

Demonstrate your skills: System Administrator **CERTIFICATION**

Workshops

Refine and expand your skills beyond core learning with hands-on workshops designed to align with various learning paths and roles.

Get to know MicroStrategy ONE: Build a self-service dossier

Designing mobile-first dossiers

Analyzing SQL and optimizing performance

Designing documents

Enhancing enterprise analysis with data science

Creating nested metrics

Customizing the user experience with applications

MicroStrategy®
Intelligence Everywhere

microstrategy.com