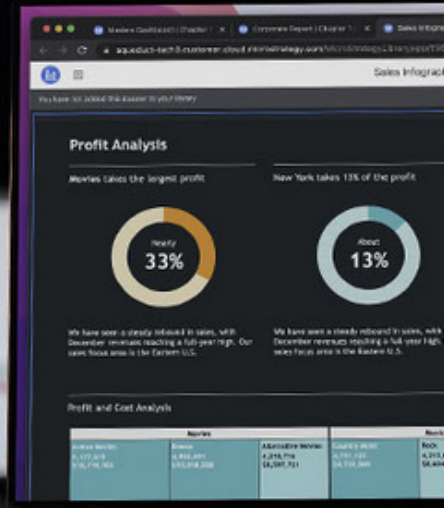


MICROSTRATEGY 2022 EDUCATION COURSE CATALOG

**Build critical,
in-demand skills and
accelerate your career.**



MicroStrategy Training Catalog

Introduction to MicroStrategy Education

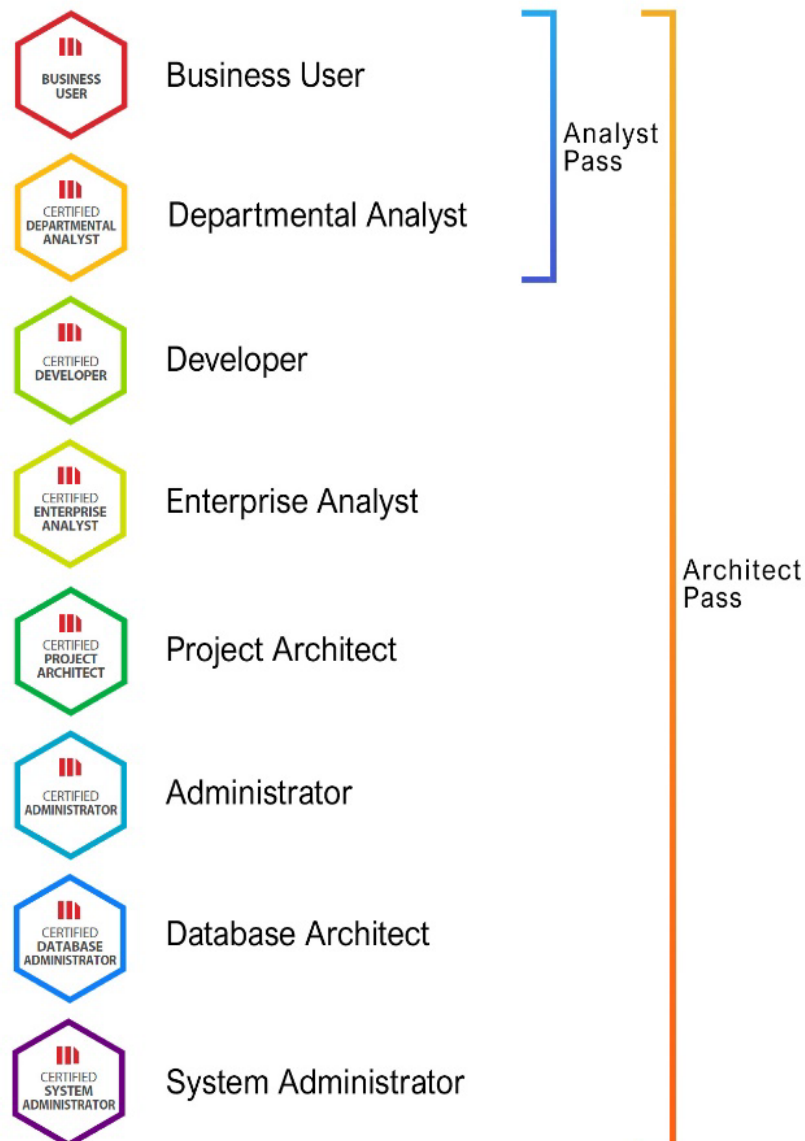
MicroStrategy Education is committed to the success of every MicroStrategy practitioner. We empower you with the skills to get the most out of your analytics investment. Build faster, more secure, more resilient applications and develop them quicker than ever.

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 two environments per calendar month that run 5 hours each, for a total of 10 hours per month. After using the 10 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 2022 course or certification delivered privately on-premise or online.
Private and Custom Instructor-led	Existing 2022 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	CERTIFIED DEPARTMENTAL ANALYST	CERTIFIED ENTERPRISE ANALYST	CERTIFIED DEVELOPER	CERTIFIED PROJECT ARCHITECT	CERTIFIED ADMINISTRATOR	CERTIFIED DATABASE ADMINISTRATOR	CERTIFIED SYSTEM ADMINISTRATOR
Dossiers and MicroStrategy Library	Reporting basics	Developing enterprise metrics	MicroStrategy Developer essentials	Defining and analyzing data requirements	Administering MicroStrategy: Managing the Intelligence Platform	Understanding Big Data fundamentals	Administrator—Planning and optimizing the analytics infrastructure
Library on your devices	Datasets in dossiers	Customizing data by grouping attributes	Using REST APIs to create custom workflows	Developing and maintaining schema objects	User privileges and data access	Advanced Big Data administration	Administration for MicroStrategy Cloud
Leveraging zero-click analysis with HyperIntelligence	Understanding your data through visualizations	Creating attributes on dossiers	Embedding MicroStrategy on any webpage	Optimizing the schema	Monitoring and tracking the analytics system	Database Architect—Standardizing and managing enterprise data	Administering MicroStrategy on Linux
	Optimizing visualizations to guide analysis	Filtering reports, metrics, and attribute groups	Using HyperSDK to enable zero-click analytics	Retrieving data from multiple sources	Administering MicroStrategy Mobile		
	Filtering data for customization and focus	Filtering dossiers	Securing authentication: SSO	Leveraging advanced data warehouse schema design	Optimizations for Performance		
	Prompting users	Building prompts	Rebranding and customizing mobile applications	Using logical views to map schema objects	Automate data validation and testing: Integrity Manager		
	Derived metrics	Improving performance with intelligent cubes					
	Sharing reports and dossiers	Preparing complex data for enhanced storytelling					
		Visualizing, filtering, and linking your data					
		Designing documents					
		Building enterprise mobile applications					
		Using database write-back functionality					
		Optimizing application performance					
		Extending data discovery with HyperIntelligence					
		Enhancing enterprise analysis with data science					





For Business Users

Analyze applications, interpret data, and communicate findings across teams.

[Chapter 1: Analyze and Collaborate on Dossiers using Library](#)

[Chapter 2: Sharing Dossiers Everywhere: Library on your Devices](#)

[Chapter 3: Instant Insights: HyperIntelligence for Business Users](#)



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 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: MicroStrategy Developer Essentials: Getting Started with MicroStrategy SDKs](#)

[Chapter 2: Leveraging MicroStrategy REST APIs to Create Custom Workflows](#)

[Chapter 3: Embedding MicroStrategy on Any Webpage with the Embedding SDK](#)

[Chapter 4: Using HyperSDK to Enable Zero- Click Analytics on Any Webpage](#)

[Chapter 5: Advanced SDK for Integration and Single Sign-on](#)

[Chapter 6: SDK for Customizing Android Applications](#)

[Chapter 7: Web SDK](#)

[Demonstrate your skills: Developer](#)

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: Designing Metrics for the Intelligent Enterprise](#)

[Chapter 2: Customizing Data Display by Grouping Attributes](#)

[Chapter 3: Customizing Data Display on Dossiers by Creating Attributes](#)

[Chapter 4: Filtering Reports, Metrics, and Attribute Groups: Creating Stand-Alone Filters](#)

[Chapter 5: Filtering Dossiers](#)

[Chapter 6: Building Prompts to Enable User Input](#)

[Chapter 7: Improving Performance with Intelligent Cubes](#)

[Chapter 8: Preparing Complex Data for Enhanced Storytelling](#)

[Chapter 9: Creating Workflows for Efficient Storytelling](#)

[Chapter 10: Designing Documents](#)

[Chapter 11: Building Enterprise Mobile Applications](#)

[Chapter 12: Using Database Write-Back Functionality to Enable Decision Making](#)

[Chapter 13: Optimizing Application Performance](#)

[Chapter 14: Extending data discovery with HyperIntelligence](#)

[Chapter 15: Enhancing Enterprise Analysis with Data Science](#)

[Demonstrate your skills: Enterprise Analyst](#)

CERTIFICATION



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.

[Chapter 1: Defining and Analyzing Data Requirements: Data Modeling](#)

[Chapter 2: Developing and Maintaining Schema Objects](#)

[Chapter 3: Optimizing the Schema](#)

[Chapter 4: Retrieving Data from Multiple Sources](#)

[Demonstrate your skills: Project Architect](#)

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: Administering MicroStrategy: Managing the Intelligence Platform, Environments, and Projects](#)

[Chapter 2: Securing and Customizing User Privileges and Data Access](#)

[Chapter 3: Monitoring and Tracking the Analytics System](#)

[Chapter 4: Administering MicroStrategy Mobile](#)

[Chapter 5: Optimizations for Performance](#)

[Chapter 6: Automate Data Validation and Testing: Integrity Manager](#)

[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: Advanced Big Data Administration](#)

[Chapter 3: Database Architect—Standardizing and Managing Enterprise 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: System Administrator—Planning and Optimizing the Analytics Infrastructure](#)

[Chapter 2: Administration for MicroStrategy Cloud](#)

[Chapter 3: Administering MicroStrategy on Linux](#)

[Demonstrate your skills: System Administrator](#)

CERTIFICATION

