

# SingleStore Education

## Learn SingleStore Development & Administration

SingleStore Developer and Administrator Education enables your employees by giving them the skills to develop on, and manage SingleStore products from Day 1.

Instructor-led education (in-person and virtual classroom) accelerates your team's application development and deployment of SingleStoreDB. These courses are ideal for Application Developers, Database Administrators, Software Engineers, Data Scientists, Data Analysts, and Machine Learning Engineers.

### Cloud Administrator Course (1 full days, or 2 half days)

The SingleStore Cloud Administrator course prepares your DBAs to successfully deploy and administer SingleStoreDB Cloud instances easily and quickly from your own SingleStore Portal. Topics include SingleStoreDB's distributed architecture, partitions, storage mechanisms, and sharding. Your employees also learn to ingest data into SingleStore using Pipelines, secure a SingleStoreDB cluster with authentication and encryption best practices, perform audit logs and disaster recovery configure and more.

### On-Prem Administrator Course (2 full days, or 4 half days)

The SingleStore Administrator course prepares your DBAs to successfully deploy and administer SingleStoreDB on Premises on air-gapped or internet-connected servers in your own data center or on cloud-based virtual machines. Topics include a deep dive into SingleStoreDB's distributed architecture including nodes, partitions, storage mechanisms, and sharding. Your employees also learn to secure a SingleStoreDB cluster; configure high availability and disaster recovery; perform logging and monitoring; govern cluster resources, and more.

### Developer Course (2 full days, or 4 half days)

The SingleStore Developer course enables your SQL developers, data scientists, and data analysts to develop data-intensive applications and fast analytics. Through practical demonstrations, labs, and knowledge checks your employees learn how to optimize query performance, build performant database schemas, and ingest data from a myriad of sources. They will also learn to create Stored Procedures, User-defined Functions, and WASM UDFs. In addition, the course includes modules on working with JSON, Time Series, Full-text, and Geospatial Data. An overview of SingleStore's distributed architecture is also included. The course requires a good working knowledge of ANSI SQL

## Education Benefits

SingleStore Education enables your organization to build quicker queries and deploy faster applications.



**Faster Developer Velocity:** for time to first deploy, time to first query, and faster time to value



**Practical Labs Training:** hands-on labs help to re-enforce learning by giving your employees actual experience with SingleStoreDB



**Performance Tuning:** Developers and application owners optimize for performance by learning distributed architecture and query tuning



**Project-based Learning:** Implement foundational concepts for distributed computing Try SingleStore for Free Today with SingleStoreDB Cloud with cluster sizing on Public Clouds



**Certifications:** Learners will receive digital badges for course completion during ILT courses and they can test for high-stakes exam Certifications to demonstrate their mastery of skills and to share their expertise with your community on LinkedIn Licenses & Certifications.

Ready to Get Started? [ [Talk to a Specialist](#) ] [ [Try SingleStore Free Today](#) ]

## Celebrate Your Learners Achievements

All SingleStore Education courses include learning badges where your employees can share their course completion on LinkedIn Profiles and Email Signatures. SingleStore will release the SingleStoreDB Certified Developer exam in the Fall of 2022 so that your employees can demonstrate their expertise in developing on SingleStoreDB by becoming Certified Developers. Other exams and certifications are in development.

## More Learning Opportunities

Other SingleStore resources can be found at the following links: [self-paced training](#), [community forums](#), [webinars](#), [SingleStore documentation](#), and guided tutorials on [SingleStoreDB Cloud](#).

Ready to Get Started? [ [Talk to a Specialist](#) ] [ [Try SingleStore for Free Today](#) ]