



SNOWFLAKE NATIVE APP FRAMEWORK

ONE-DAY COURSE

24C13

OVERVIEW

In this one-day course, learners explore the Snowflake Native App Framework and learn essential skills for creating and publishing applications in the Snowflake App Marketplace. This course takes learners through the different phases of the application development lifecycle to illustrate features, configuration, and Snowflake best practices when using the Snowflake Native App Framework.

ACQUIRED SKILLS

- Explain the Snowflake Native App Framework.
- Create a Snowflake Native App.
- Employ Snowflake best practices while building native application workloads.
- Build, version, and release native applications.
- Formulate Snowflake Native Application workflows and procedures.

WHO SHOULD ATTEND

- Snowflake users looking to build Snowflake Native Applications

PREREQUISITES

- Basic knowledge of SQL is required.
- Foundational knowledge of databases is recommended.
- Completion of “Snowflake Foundations” one-day course or equivalent Snowflake knowledge.

DELIVERY FORMAT

Instructor-led Public or Private classes are available.

TOPICS COVERED

Overview of Snowflake Native App Framework

- Introduction to Native App Framework
- Enhanced Development Experience
- Native App Framework Components
- Granting Access to Create Applications
- Manifest and Setup Script

Creating an Application Package

- Application Logic and Rights
- Building Applications Using Streamlit
- Application Package Ownership
- Application Package Privileges

Installing and Testing

- Creating and Testing
- Patching, Versioning, and Upgrading

Publishing an Application Package

- Snowflake Marketplace Listing
- Private Listing
- Release Directives

Sharing Snowflake Native Apps

- Becoming a Listing Provider
- Creating Application Listing
- Configuring Roles and Privileges
- Security Scanning