

## Snowflake Educational Resources

### Free Resources

- [Snowflake University](#) - Free On Demand Training. New users to training will need to follow the steps below to create an account before accessing the training.
  - [Hands-on Essentials Track](#) - If you're new to Snowflake or new to databases in general, and you like hands-on labs and short videos, this is the track for you. Start with Badge 1: Data Warehousing Workshop
  - [Level Up First Concepts Track](#) - Learn the basic Snowflake concepts- great for project managers and/or managers who need a high level overview of Snowflake
  - [Level Up Snowpark Essentials](#) - Snowpark and Streamlit
  - [Data Cloud Deployment Framework](#) - In this course, you'll navigate through key aspects of Snowflake's Data Cloud Deployment Framework, gaining valuable insights into its core elements.
  - [Snowflake x GenAI: A Cool Collab](#) - In this highly-interactive hands-on mini-workshop (or module) you will use an LLM API to generate original text responses. After getting familiar with ChatGPT, and OpenAI Playground, you will move to Snowflake where you'll set up a function that calls the OpenAI LLM API in order to return results directly in Snowflake. Finally, learners will build a simple Streamlit in Snowflake GUI interface so that users can interact with the GenAI LLM from within Snowflake.
  - [Snowflake x GenAI: LLM Functions](#) - Learners begin by exploring the TRANSLATE() function with exercises that explore English to Japanese and back again to check translation quality. Next, learners use the SENTIMENT() function and the SUMMARIZE() function in simple exercises. After the high-level function introduction, learners build a simple Machine Learning model that processes pdf files of popular songs like "99 Luftballons" and "Flashdance" (in English AND Swedish)! After training and testing their model, the learner revisits the LLM functions and applies them to the lyrics they extracted via the ML Model they created!
  - [Cost Governance](#) - The Snowflake on-demand Cost Governance course provides participants with the core knowledge and skills to successfully understand, control, and optimize costs to maximize use of Snowflake credits.
- New Users to Snowflake Training - Creating Logins
  - Login or create a [Snowflake Community](#) account using your company's email domain
  - Navigate to [training.snowflake.com](https://training.snowflake.com) and sign in using the same credentials used to create your Community Account.
- [Snowflake University](#) - Free On Demand Training. New users to training will need to follow the steps below to create an account before accessing the training.
- [Quickstarts](#) - Follow along with our tutorials to get up and running with Snowflake.
- [Documentation](#) - view the latest product documentation to get the most out of Snowflake.
- [Virtual Hands-on Lab](#) - Join our instructor-led, virtual hands-on labs to get the in-depth technical information you need to get started and keep moving forward with Snowflake.

- [Snowflake Office Hours](#) talk to customers live
- [See the Cloud in Action](#) - Live product demos
- [Snowflake YouTube](#) – videos, playlists, Summit content, etc.

## Paid on Demand

- [SnowPro On-Demand Prep Course](#) - \$375 per person - The Snowflake SnowPro™ On-Demand Certification Preparation course is an on-demand class which dives into topics covered on Snowflake's foundational industry professional certification, the SnowPro™ Core Certification. The self-paced course consists of video lectures, knowledge check questions, and additional study resources.
- [Foundations](#) - This Snowflake course covers the foundational concepts, design considerations, and best practices intended for key stakeholders who will be working on the Snowflake Data Cloud. This course is a required prerequisite for any of the role-based courses; Administering Snowflake, Snowflake Data Engineering, or Snowflake Data Science.
- [Snowflake for Healthcare and Life Science On-Demand Course](#) - \$800 per person - This on-demand course provides participants with the knowledge and skills to successfully take advantage of the Snowflake capabilities that can support the healthcare and life sciences industries. Participants will use the Snowflake Data Cloud to work with healthcare data, healthcare data models, and observational studies.

## SnowPro Certification ([Link](#))

- [SnowPro Core Study Guide](#) (Free)
- [SnowPro Core Preparation Course](#)

## Certification Resources

- [Certification](#) - Stand out in the data Community as a Snowflake expert
- [SnowPro Core Certification](#) - The SnowPro Core Certification is Snowflake's Foundational level certification and demonstrates an individual's knowledge to apply core expertise implementing and migrating to Snowflake. Before moving on to an Advanced Certification, you must pass the SnowPro Core
- [SnowPro Advanced: Architect](#) - \$375 per person
- [SnowPro Advanced: Data Engineer](#) - \$375 per person
- [SnowPro Advanced: Administrator](#) - \$375 per person
- [SnowPro Advanced: Data Scientist](#) - \$375 per person

- [SnowPro Advanced: Data Analyst](#) - \$375 per person

### **Paid Instructor Led Courses**

- [Fundamentals](#) - 4 Day Course - This 4-day course covers the fundamental concepts, design considerations, and best practices intended for key stakeholders who will be working on the Snowflake Cloud Data Platform. The course will consist of lectures, demos, and labs on a wide range of foundational topics (Prerequisites - Previous Data Warehouse knowledge is assumed). [Upcoming Classes](#)
- [Advanced](#) - This 3-day course covers advanced Data Movement, Performance, Security, Agile Development and Data Sharing design considerations and best practices in the Snowflake Cloud Data Platform. This advanced course will consist of lectures, demos, and labs. (Prerequisites - Students should have completed Fundamentals training or have previous working knowledge of Snowflake). [Upcoming Classes](#)
- [Data Analyst](#) - This 2-day role specific course covers how to explore, load, visualize and extract insights from the Snowflake Cloud Data Platform. This course will consist of lectures, labs, and discussions (Basic knowledge of SQL is required). [Upcoming Classes](#)
- [Data Engineer](#) - This 3-day role specific course covers the Snowflake key concepts, features, considerations, and best practices intended for key stakeholders who will be accessing, developing, querying datasets for analytic tasks and building data pipelines in Snowflake. These stakeholders often are in the role of database application developer and data engineer. This course will consist of lectures, demos, labs, and discussions (Basic knowledge of SQL & Python is helpful). [Upcoming Classes](#)
- [Data Engineer II](#) - This two-day, role-specific course presents additional topics and a deep dive into select subjects for the Data Engineer through the lens of the data engineering lifecycle. The course covers Snowflake concepts, features, considerations, and best practices intended for stakeholders who will be accessing, developing, and querying datasets for analytic tasks, and building data pipelines in Snowflake. This course consists of data engineering concepts delivered through lectures, demos, labs, and discussions. [Upcoming Classes](#)
- [Administering Snowflake](#) - This 3-day role specific course covers an in-depth look at what a database administrator manages in the Snowflake Cloud Data Platform. This includes data loading performance, designing a role hierarchy, agile development, and advanced performance tuning. This course will consist of lectures, labs and discussions (Prerequisites - A background in database administration or management is required) [Upcoming Classes](#)

- [Data Science](#) - This 3-day class is ideal for Snowflake users who are interested in developing the skills and experience necessary to utilize Snowflake Data Cloud for Data Science workloads. This course will cover key concepts, features, considerations, and best practices for building out data science solutions within Snowflake (Prerequisites - A basic knowledge of SQL is required, foundational knowledge of databases, and Python or some other object-oriented programming language). [Upcoming Classes](#)
- [Performance Automation & Tuning](#)- This 3-day accelerated course presents key performance capabilities, Snowflake best practices, and tuning techniques that are designed to help participants to use Snowflake's Cloud Data Platform to develop diverse, high-performance workloads. The course illustrates performance design best practices and pitfalls so participants are prepared to apply the methodology and features to their own diverse workloads. [Upcoming Classes](#)
- [Data Governance](#) - This 1-day Data Governance add-on course covers the fundamental concepts and capabilities offered by Snowflake in the area of data management to improve data governance including increased data security, improved data quality, and better regulatory compliance (Prerequisites - One of the following courses: Fundamentals, Data Engineering, Data Analyst. A background in database administration or management is required). [Upcoming Classes](#)
- [Snowpark Dataframe Programming](#) - This 1-day course covers key Snowpark concepts, features, and programming constructs intended for practitioners who will be building DataFrame data solutions in Snowflake. This course will consist of lectures, demos, labs, and discussions. [Upcoming Classes](#)
- [Snowflake New Features](#) - This 1-day, fast-paced workshop will expand your Snowflake palette, and broaden your working knowledge of the platform. Here's your chance to immerse yourself in features introduced to the Snowflake Cloud Data Platform in the past 12 months. This course consists of lectures, demos, hands-on labs, and discussions. [Upcoming Classes](#)
- [Snowflake Architect](#) - This 3-day course for Architects and Technical Leaders provides the skills, knowledge, and Snowflake best practices to deploy and operate Snowflake, provide insights and recommendations based upon real-world customer experiences, and the confidence to get the very best out of Snowflake's technology. [Upcoming Classes](#)
- [Administering Snowflake II](#) - This two-day, role-specific course continues the study and practical lab experience of database and account administration. This course includes data recovery scenarios, database and account replication, and advanced performance tuning strategies. The course consists of lectures, labs, demonstrations, and discussions. [Upcoming Classes](#)

- [Snowflake Business User](#) - This one-day, role-specific course introduces business users to the Snowflake Data Cloud and its architecture. Participants learn how to connect to Snowflake and how to analyze and report data insights from Snowflake. The course consists of lectures, labs, demonstrations, and discussions.
- [Advance Analytics](#) - This two-day, role-specific course introduces participants to the advanced analytic capabilities provided by the Snowflake Data Cloud. Participants learn how to employ these analytical capabilities to derive deeper insights, discover patterns, and pinpoint trends. This course will provide participants with the skills to begin accessing information that supports a more predictive approach to identifying what could happen instead of only looking at what has happened.
- [Snowpark Container Services](#) - In this one-day course, learners explore Snowpark container services and learn about running container-based workloads in Snowflake. This course outlines best practices, and learners will walk away with experience building their own container-based Snowflake assets within the Snowflake training environment.
- [Snowflake Native App Framework](#) - 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.
- [Snowflake Business User](#) - This one-day, role-specific course introduces business users to the Snowflake Data Cloud and its architecture. Participants learn how to connect to Snowflake and how to analyze and report data insights from Snowflake.
- [Snowflake GenAI](#) - In this one-day course, learners will delve into the GenAI capabilities within Snowflake. This course is designed to empower learners to integrate capabilities into their regular analytical workflows. Even without being a Data Scientist or a Machine Learning engineer, they will be able to extract insights at scale, interact with applications using natural language, drive coding productivity, and generate new content. The learners will walk away with experience in leveraging these capabilities in different scenarios within the Snowflake training environment
- [Advanced Analytics](#) - This two-day, role-specific course introduces participants to the advanced analytic capabilities provided by the Snowflake Data Cloud. Participants learn how to employ these analytical capabilities to derive deeper insights, discover patterns, and pinpoint trends. This course will provide participants with the skills to begin accessing information that supports

a more predictive approach to identifying what could happen instead of only looking at what has happened. The course consists of lectures, labs, demonstrations, and discussions.