



Snowflake Trainings & Certifications

Certifications

Certification	Skill Level	Price	Prerequisite
SnowPro Core Certification	Entry	\$175 (Exam)	N/A
SnowPro Advanced Data Analyst	Professional	\$375 (Exam)	SnowPro Core Certification
SnowPro Advanced Administrator	Professional	\$375 (Exam)	N/A
SnowPro Advanced Data Engineer	Professional	\$375 (Exam)	N/A
SnowPro Advanced Architect	Professional	\$375 (Exam)	N/A
SnowPro Advanced Data Scientist	Professional	\$375 (Exam)	N/A

Trainings

Resource Name	Training Topic Name	Training Topic Description
Snowflake	Snowflake Documentation	Snowflake created documentation on all things

Resource Name	Training Topic Name	Training Topic Description
		Snowflake
Snowflake	Snowflake Glossary	Snowflake dictionary of all Snowflake and related terminology
Snowflake	Snowflake University	Instructor-led and self-paced online Snowflake training courses (free & paid)
Udemy	SnowPro Core Certification Course & Exam	Self-paced training course that covers all topics pertaining to the Snowflake SnowPro Core certification
Udemy	SnowPro Core Certification Mock Exams	Online practice exams for the Snowflake SnowPro Core certification

Feature & Function Trainings

Feature / Function Name	Feature / Function Description
ACCOUNT	List all of the accounts within the KKF Snowflake organization, and includes documentation pertaining to create new accounts, manage multiple accounts within a Snowflake organization, and an intro to Snowflake organizations.
Automation	Lists the steps needed to automate a query / project in Snowflake, utilizing Snowflake tasks, along with the code that shows all created Tasks that have been created in Snowflake.
COPY INTO	Contains sample queries on how to copy data into either a Snowflake staging or permanent table from an external stage, and includes documentation pertaining to both methods.
Cost Calculator	Helps determine the optimal warehouse size for a given query / project by inputting how long a query / project ran from execution to completion and utilizing the Snowflake

Feature / Function Name	Feature / Function Description
	cost calculator's results to determine the optimal warehouse to be used for the query / report.
<u>Cortex ML Functions</u>	Powerful analysis functions that give you automated predictions and insights into your data using machine learning. Snowflake provides an appropriate type of model for each feature, so you don't have to be a machine learning expert to take advantage of them. All you need is your data.
<u>EDITDISTANCE</u>	Computes the Levenshtein distance between two input strings. It is the number of single-character insertions, deletions, or substitutions needed to convert one string to another.
<u>FILE FORMAT</u>	Creates a named file format that describes a set of staged data to access or load into Snowflake tables.
<u>GRANT</u>	Grants one or more access privileges on a securable object to a role or database role. The privileges that can be granted are object-specific.
<u>JAROWINKLER SIMILARITY</u>	Computes the <u>Jaro-Winkler similarity</u> between two input strings. The function returns an integer between 0 and 100, where 0 indicates no similarity and 100 indicates an exact match.
<u>MERGE</u>	Inserts, updates, and deletes values in a table based on values in a second table or a subquery.
<u>RESOURCE MONITOR</u>	Used to monitor credit usage by virtual warehouses and the cloud services needed to support those warehouses. You can also set up a resource monitor to suspend a user-managed virtual warehouse when it reaches a credit limit.
<u>ROLE</u>	Roles are the entities to which privileges on securable objects can be granted and revoked. Roles are assigned to users to allow them to perform actions required for business functions in their organization.
<u>SCHEMA</u>	A logical grouping of database objects (tables, views, etc.). Each schema belongs to a single database.
<u>SHARE</u>	Shares are named Snowflake objects that encapsulate all of the information required to share a database.
<u>Snowpark Python Data Pipelines</u>	Snowflake-specific tool for extracting/loading data that utilizes Snowpark Python.

Feature / Function Name	Feature / Function Description
<u>STAGE</u>	Locations where data files are stored (staged) for loading and unloading data.
<u>STORED PROCEDURE</u>	Stored procedures enable users to create modular code that can include complex business logic by combining multiple SQL statements with procedural logic.
<u>TABLE</u>	All data in Snowflake is stored in database tables, logically structured as collections of columns and rows.
<u>TASK</u>	Tasks use user defined functions to automate and schedule business processes.
<u>USER</u>	An entity to which you can define privileges. Users are granted privileges through roles assigned to them.
<u>VIEW / SECURED VIEW</u>	A view allows the result of a query to be accessed as if it were a table. The query is specified in the CREATE VIEW statement.
<u>WAREHOUSE</u>	A virtual warehouse, often referred to simply as a "warehouse", is a cluster of compute resources in Snowflake.



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