LEVEL UP: Container Hierarchy & Details
TOPIC INTRODUCTION

You probably already know that tables sit inside schemas and schemas sit inside databases. That's a Database 101 concept. But can you name the four types of tables available in Snowflake? What about stage types? View types? Do you know some of the differences between these different object types?

This Level Up module takes you top to bottom in the storage hierarchy and gives you a chance to test your knowledge on a variety of details.

The slide deck included in this module focuses your attention on deeper details of the storage hierarchy than you might have considered before. To benefit from this **Level Up** Topic we suggest the following:

1. Read the guidance questions to focus your attention.
2. Read through the slide deck provided as a resource.
3. Take the quiz.
4. Repeat as necessary.

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GUIDANCE QUESTIONS

1) How does [Database]->[Schema]->[Table] fit in with [Account]?

2) What are the four types of Snowflake tables and which ones have fail-safe storage?

3) What are the differences between standard and secure views?

4) What are the different types of stages?

5) What are the command-line commands that moves files into stages? What command moves files from stages into tables? From tables back out to stages?

6) Disregarding replication functionality, can a database span multiple accounts? Can a schema span multiple accounts? Can an account span multiple cloud-as-a-platform providers?

7) Can a single Snowflake account load data from stages on more than one cloud provider?

8) Can you deduce the cloud platform provider and region of an account based on the account URL?

9) What is a namespace in Snowflake and how does it relate to the container hierarchy?