

SESSION WILL BE DIVIDED INTO

1. Understanding Snowflake UI
2. Understanding Different Roles in Snowflake
3. Understanding Snowflake Architecture ★
4. Understanding the concept of Keys
5. Completing data loading of previous class

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SECTION 2

Understanding Different Roles In Snowflake

- Different roles present in Snowflake are:

Account Admin

Has the complete administrative access across snowflake account, including full access to all data and objects

Security Admin

Focuses on managing security-related tasks, such as creating and managing roles and policies.

System Admin

Responsible for system-level tasks, such as creating and managing roles and policies.

User Admin

Manages user creation, assignment of roles, and handling account-related user permissions.

Public

Default role with the least privileges and access, and often assigned to new users by default.

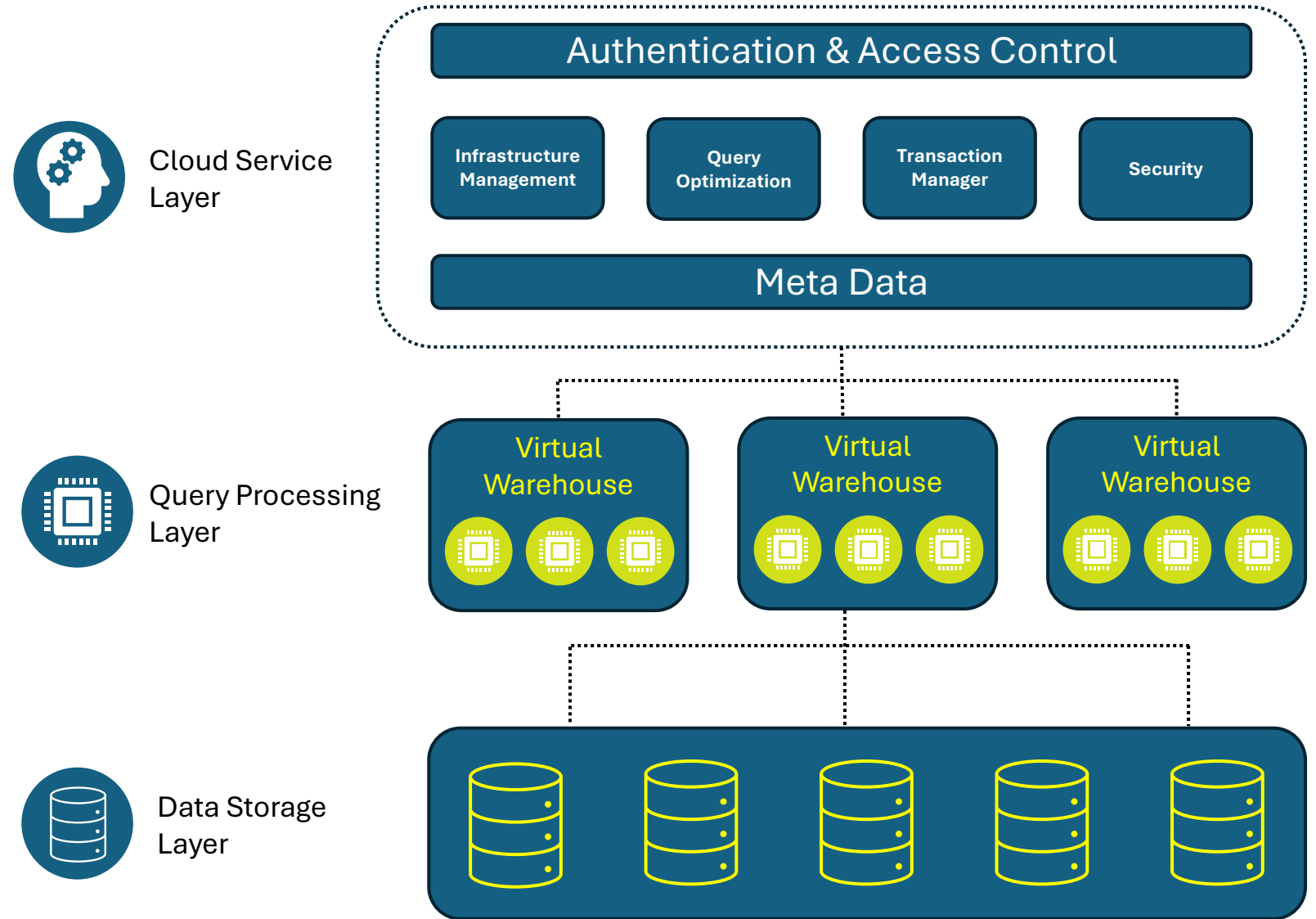
Org Account

All account management, enabling features, monitoring usage related tasks. This is not available by default, need to requested

SECTION 3

Understanding Snowflake Architecture

Snowflake Architecture



SECTION 4

Understanding Basics of Keys

- Currently, we will explore
 - **What is a Primary Key**
 - A **Primary Key** is a column (or a combination of columns) in a table that uniquely identifies each row or record in that table.
 - The **primary key** ensures that **no duplicate values exist in that column**, and every row can be distinguished from others.
 - **Key Characteristics of Primary Key**



**Unique
identifier**



**No Null
Values
Allowed**



**Immutable
in nature**

SECTION 4

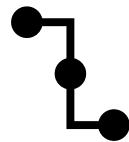
Understanding Basics of Keys

- Currently, we will explore
 - **What is a Primary Key**
 - Let us Identify the Primary Keys in our Dataset
 - Customers
 - Date
 - Market
 - Products
 - Transactions

SECTION 4

Understanding Basics of Keys

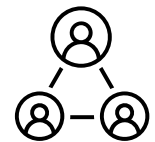
- Currently, we will explore
 - **What is a Primary Key**
 - **What is a Foreign Key**
 - A **Foreign Key** is a column (or a combination of columns) in one table that establishes a link or relationship between two tables.
 - The foreign key in one table refers to the **Primary Key** in another table, enforcing a relationship between the tables.
 - **Key Characteristics of Foreign Key:**



Relationship



Integrity



**Multiple
Foreign
Keys**