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| EXP NO: 9 | Implement a program using Hive Views |
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| DATE: |  |

**AIM: -**

**BACKGROUND THEORY: -**

# **PROCEDURE: -**

* Switch to superuser mode using sudo su.
* Start Hive
* Create a Hive Table
* Load Data into the Table
* Create a View
* Query the View
* Update the View (Optional)
* Drop the View (Optional)

# **CODING: -**

* sudo su
* -- Step 1: Start Hive
  + hive
* -- Step 2: Create a Hive Table
  + CREATE TABLE employees (
  + id INT,
  + name STRING,
  + age INT,
  + department STRING
  + ) ROW FORMAT DELIMITED
  + FIELDS TERMINATED BY ','
  + STORED AS TEXTFILE;
* -- Step 3: Load Data into the Table
  + LOAD DATA LOCAL INPATH '/path/to/your/employees.csv' INTO TABLE employees;
* -- Step 4: Create a View
  + CREATE VIEW sales\_employees AS
  + SELECT id, name, age
  + FROM employees
  + WHERE department = 'Sales';
* -- Step 5: Query the View
  + SELECT \* FROM sales\_employees;
* -- Step 6: Update the View (Optional)
  + DROP VIEW sales\_employees;
  + CREATE VIEW sales\_employees AS
  + SELECT id, name, age, department
  + FROM employees
  + WHERE department = 'Sales';
* -- Step 7: Drop the View (Optional)
  + DROP VIEW sales\_employees;

# **OUTPUT: -**

