**ORDER BY**

Impala: SELECT brand, name FROM products ORDER BY Price DESC;

Hive: SELECT brand, name, **price** FROM products ORDER BY price DESC;

En HIVE se requiere que el campo por el que se va a ordenar este incluido en la sentencia SELECT

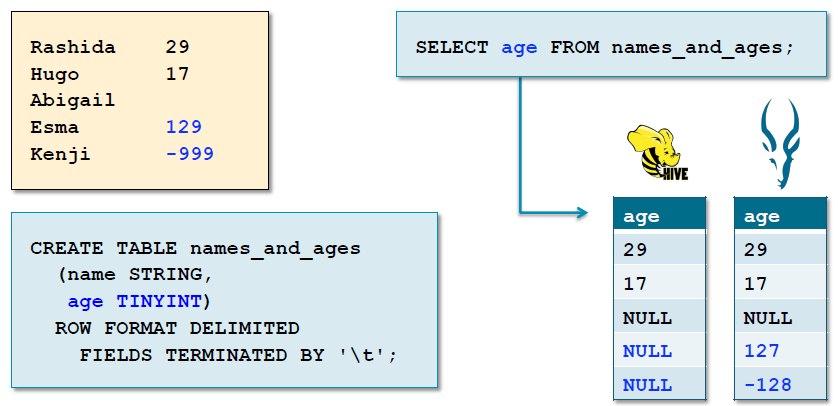
**CONVERSIÓN de Tipos de datos**

* Hive auto convierte una columna STRING en contexto numérico
  + SELECT zipcode FROM customers LIMIT 1;
  + 60601
  + SELECT zipcode + 1.5 FROM customers LIMIT 1;
  + 60602.5
* Impala requiere un casteo explicito para esto:
  + SELECT **cast(**zipcode AS FLOAT) + 1.5 FROM customers LIMIT 1;
  + 60602.5

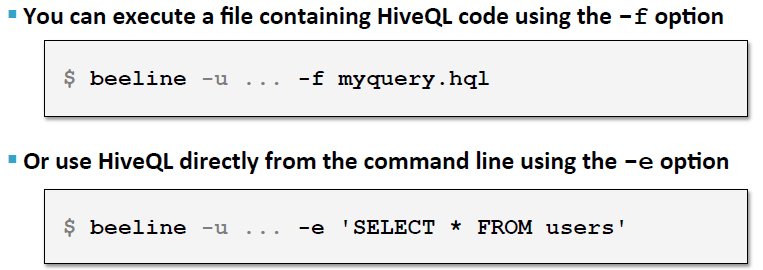
**Valores numéricos fuera de rango:**

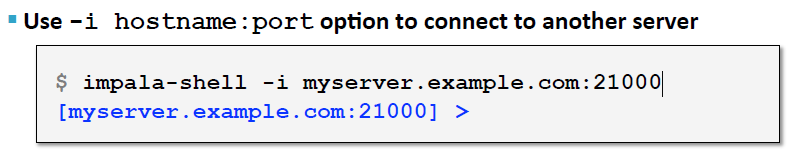
Hive devuelve NULL

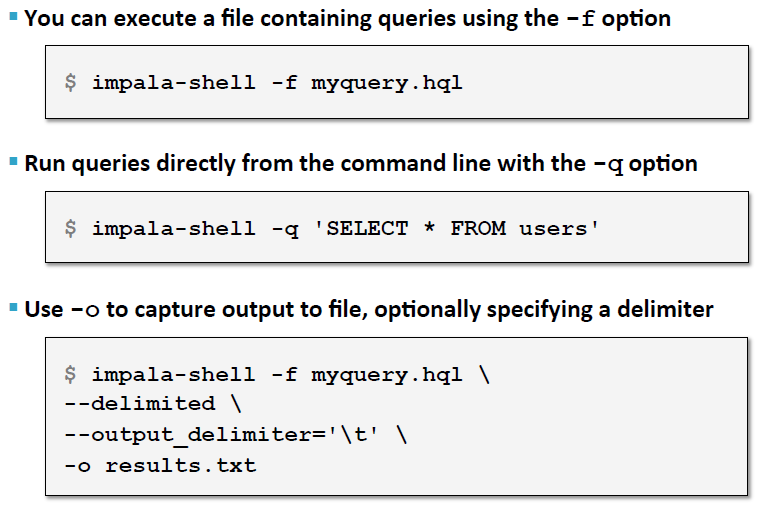
Impala devuelve el mínimo o el máximo valor para ese tipo

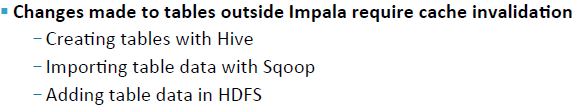




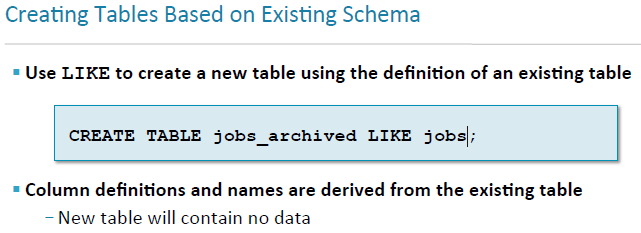


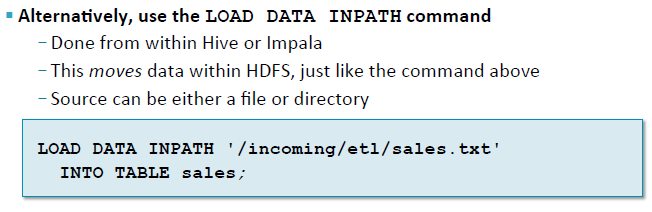




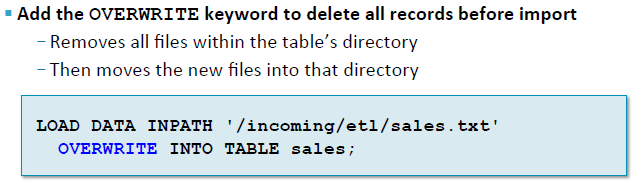


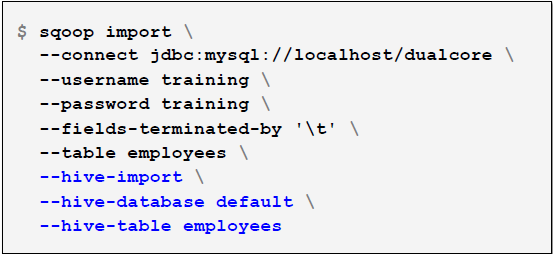
**INVALIDATE METADATA;**

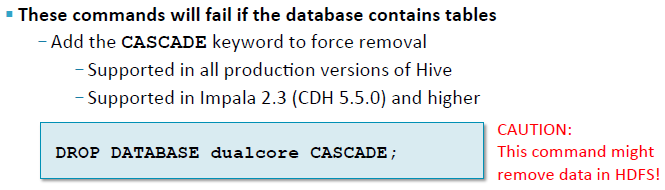


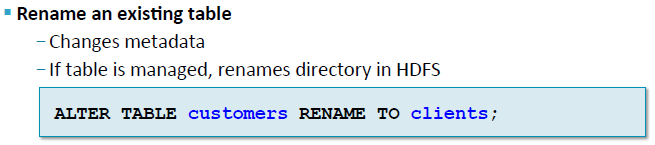


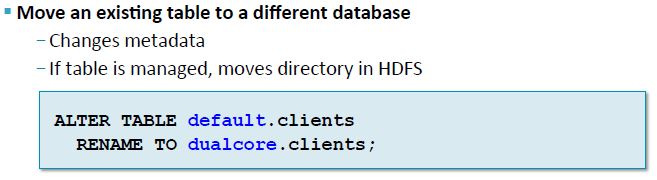


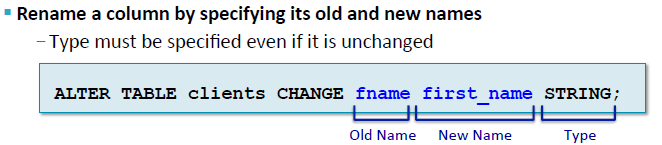


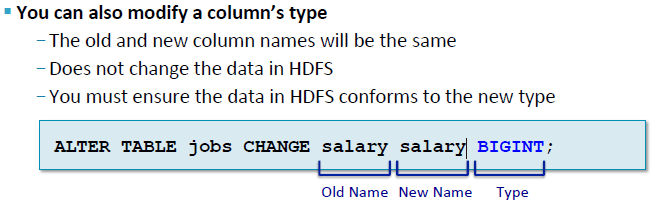


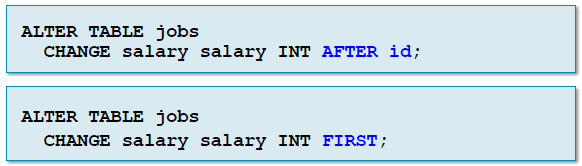


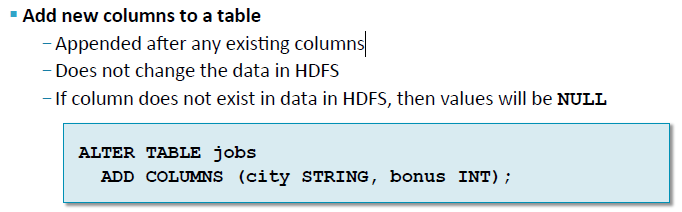


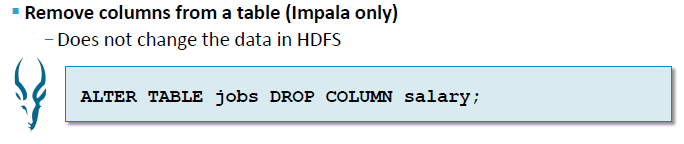


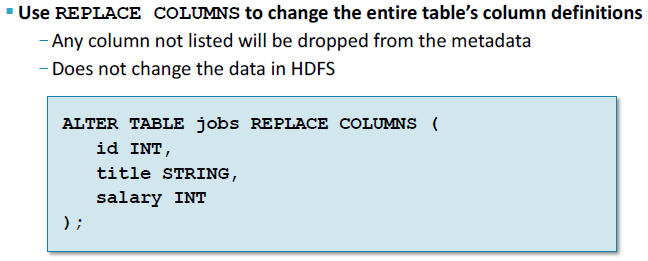


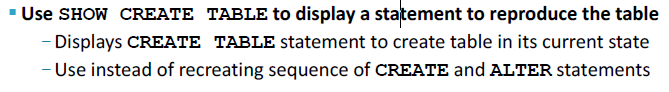


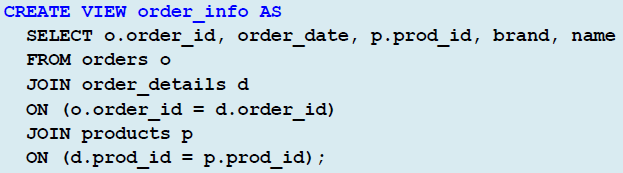






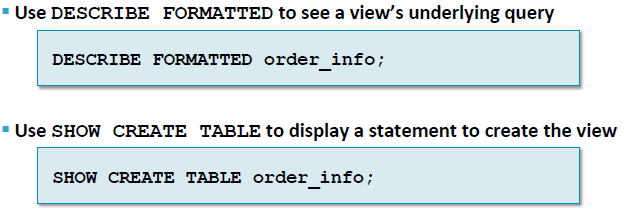


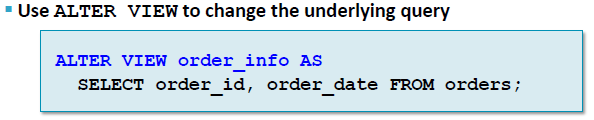


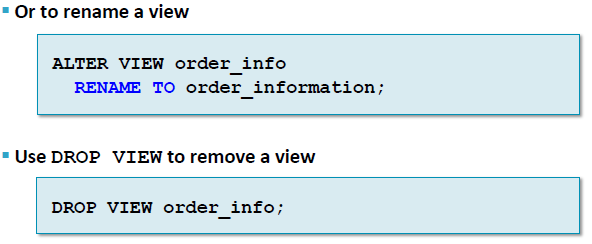


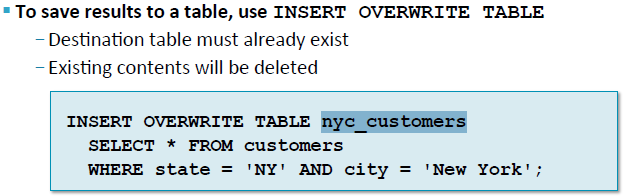


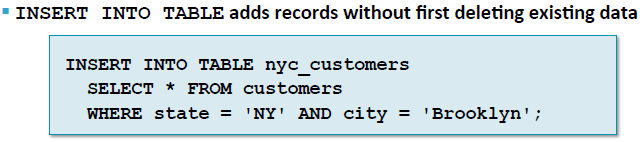


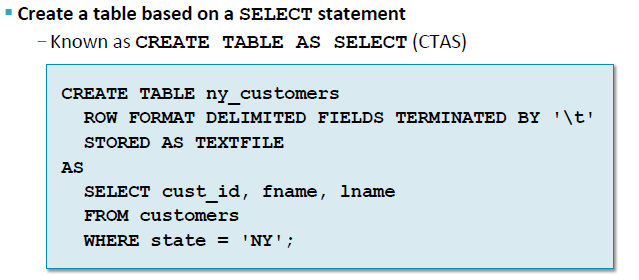




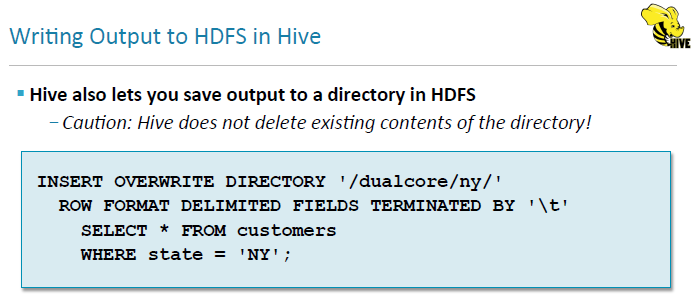


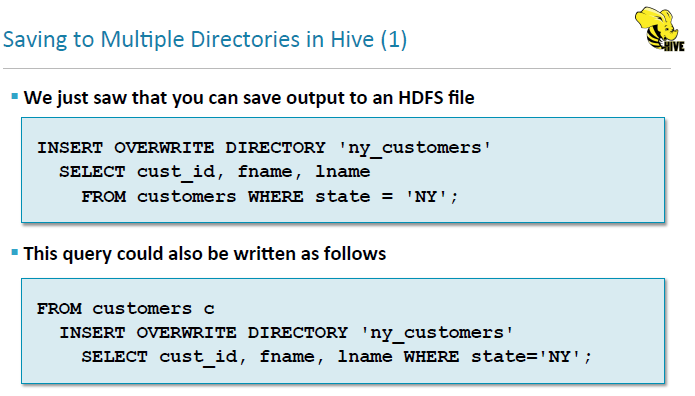


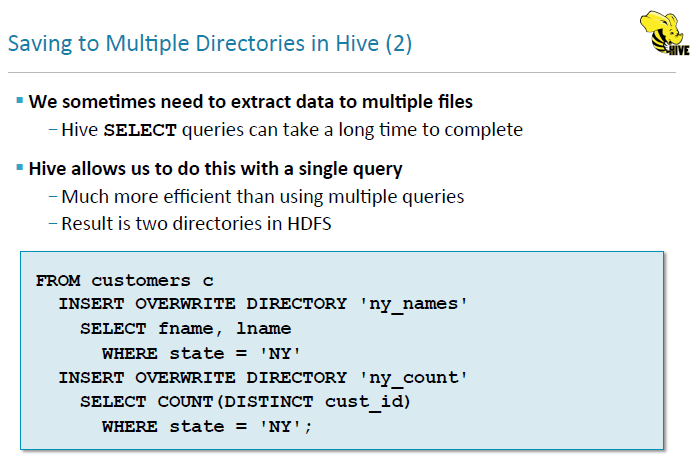


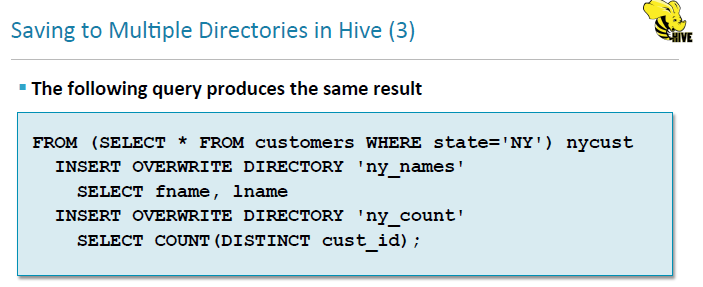


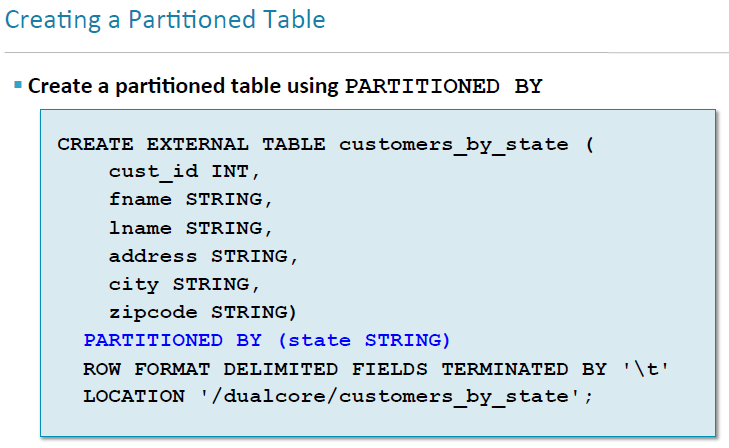
* Definiciones de columnas y sus nombres son derivados de la tabla existente. Usa alias en la sentencia SELECT para especificar nombres nuevos.

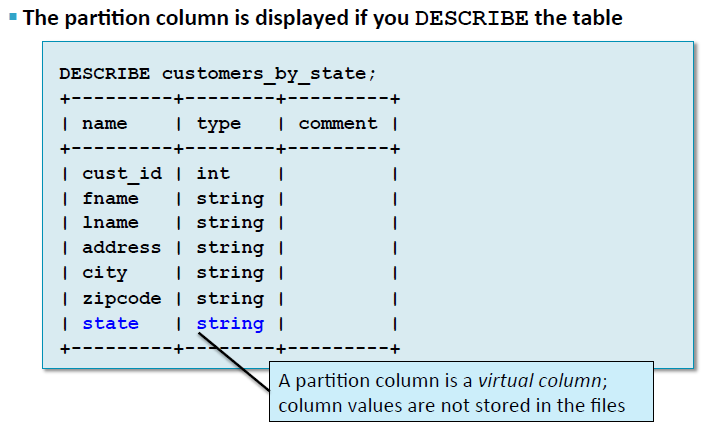


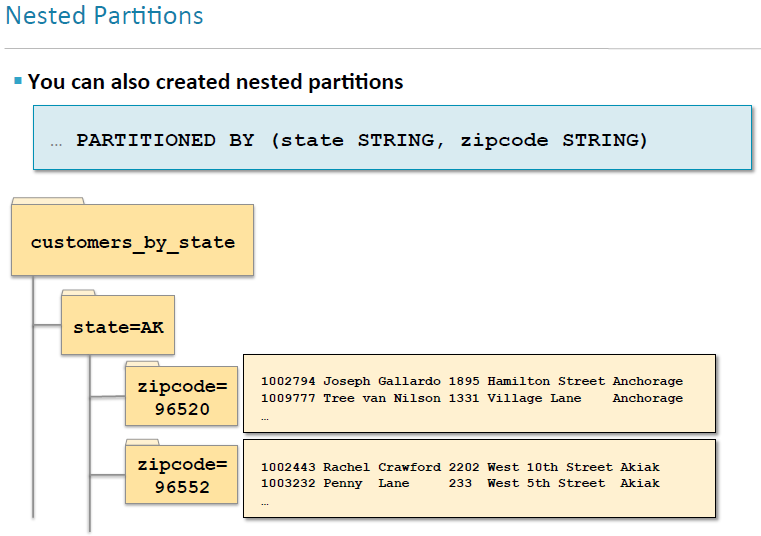


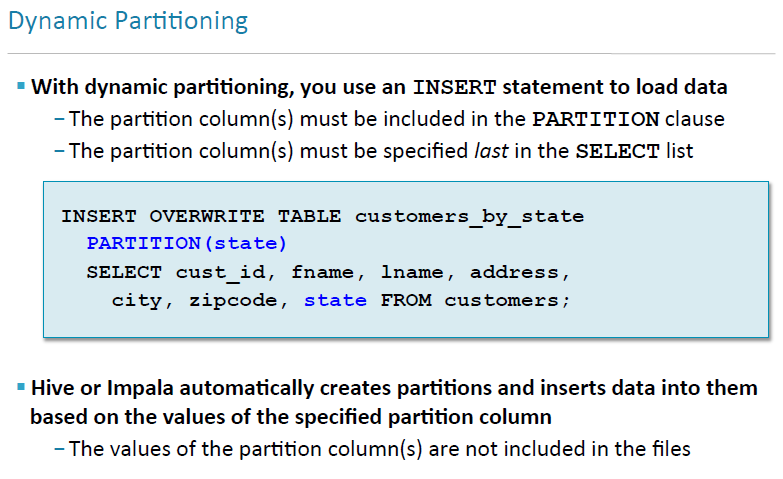


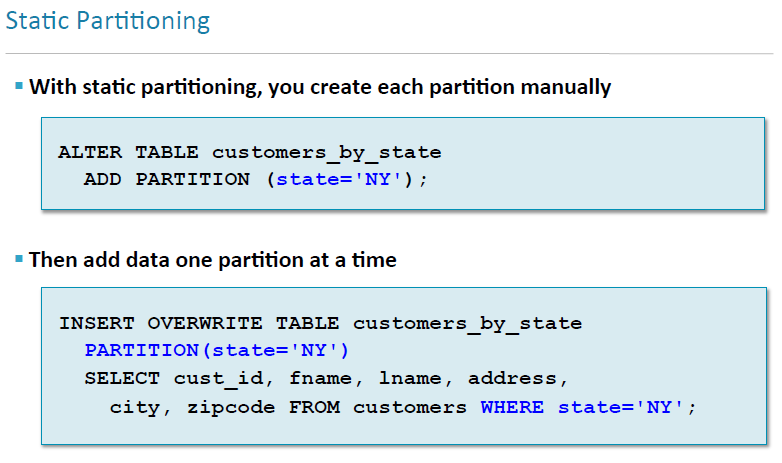


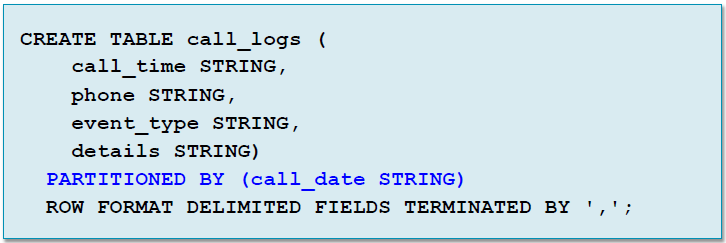


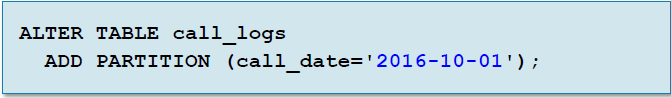


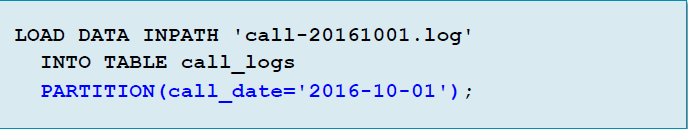


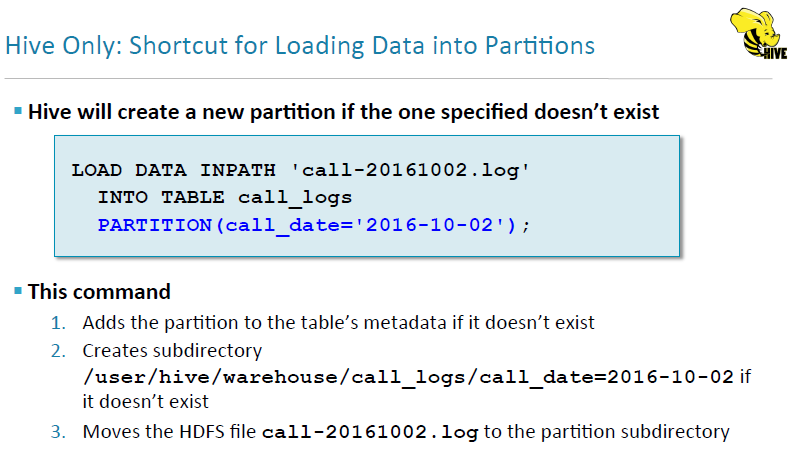


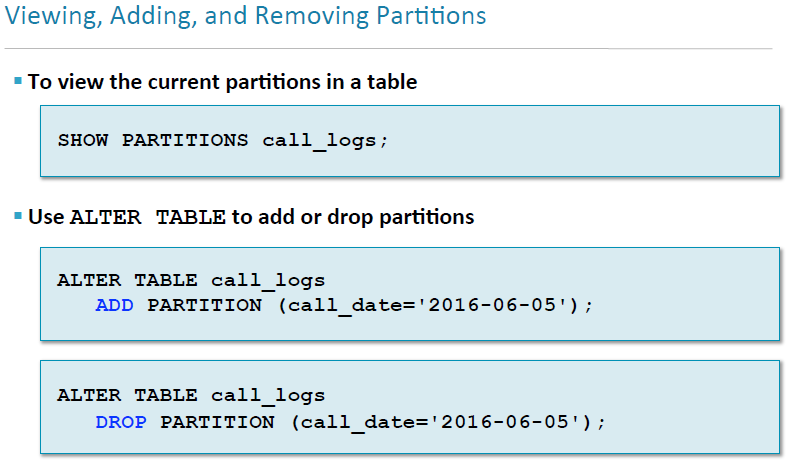




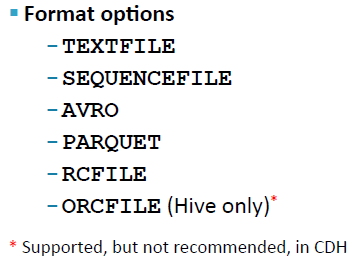




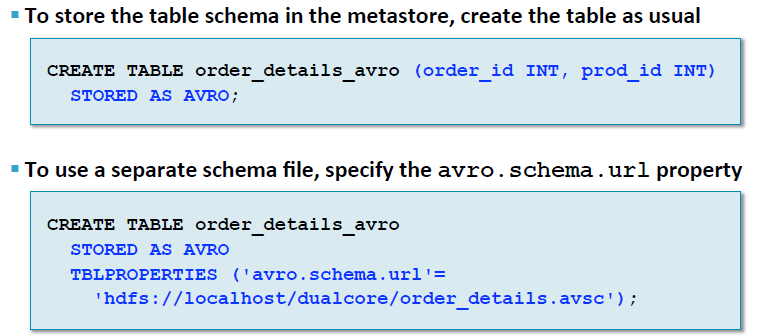


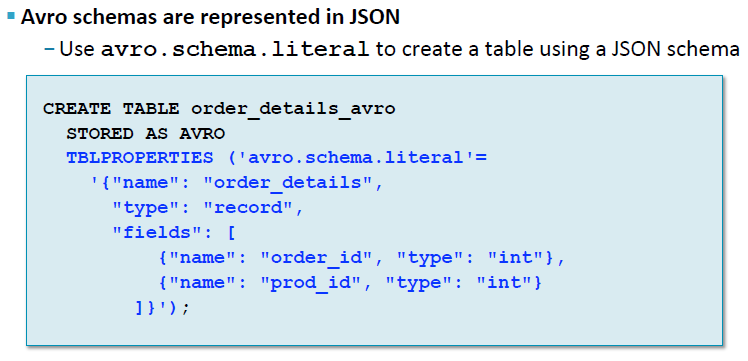


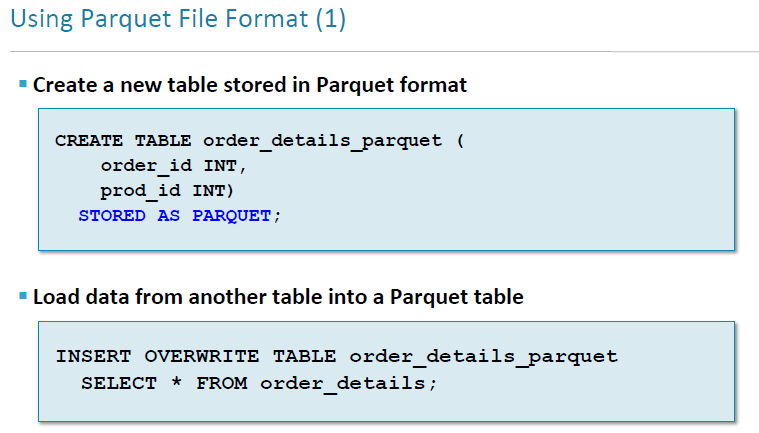
FORMATOS SOPORTADOS:

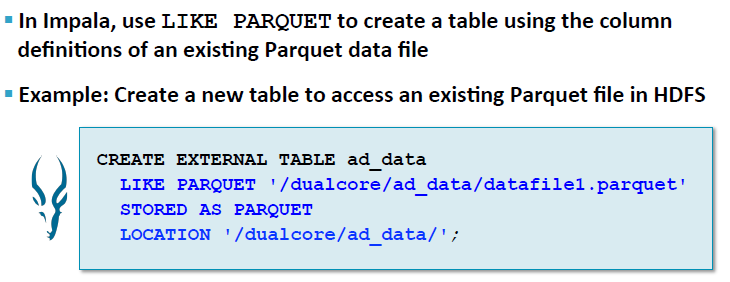


AVRO FORMAT

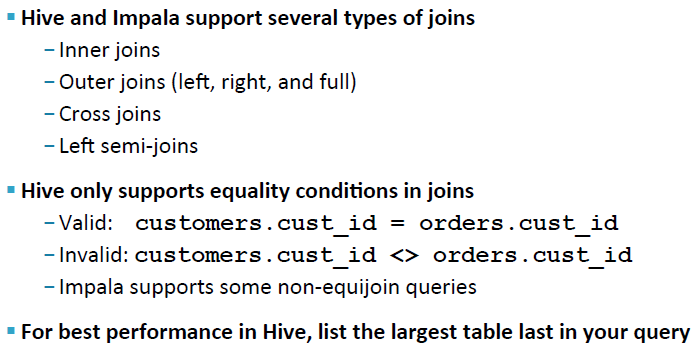


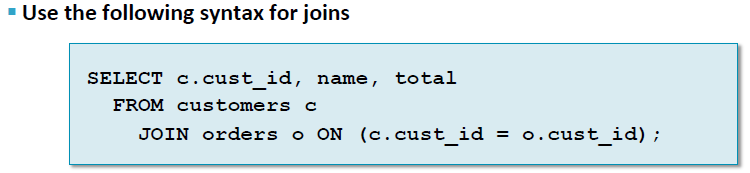


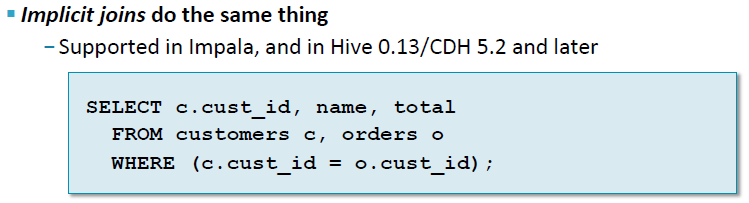




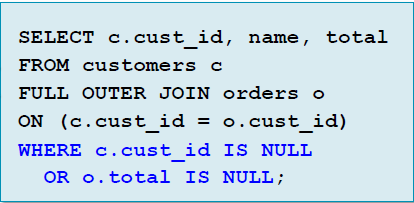
JOINS



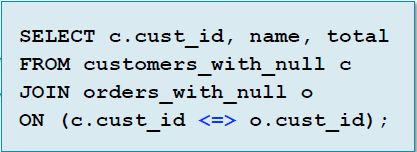


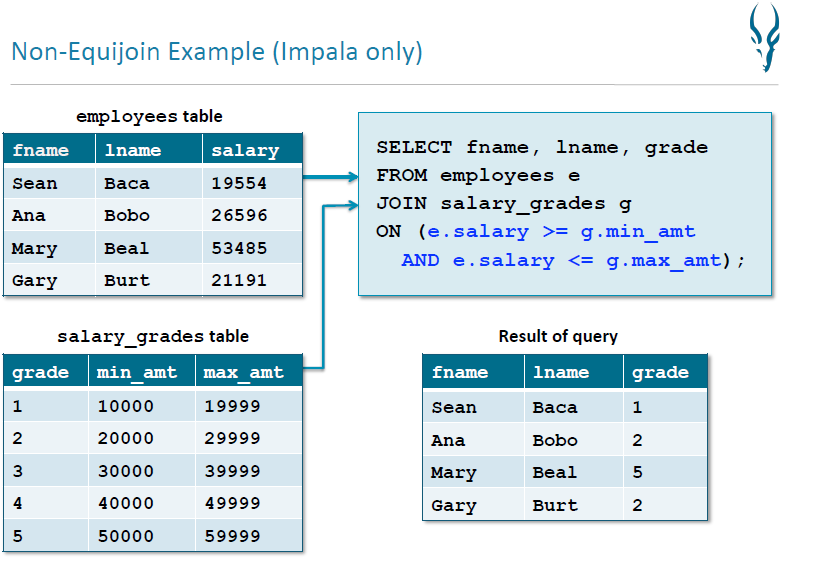


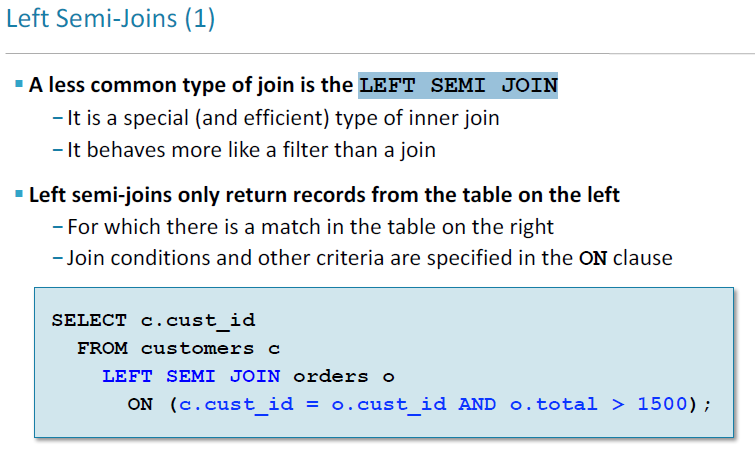
USING AN OUTER JOIN TO FIND UNMATCHED ENTRIES

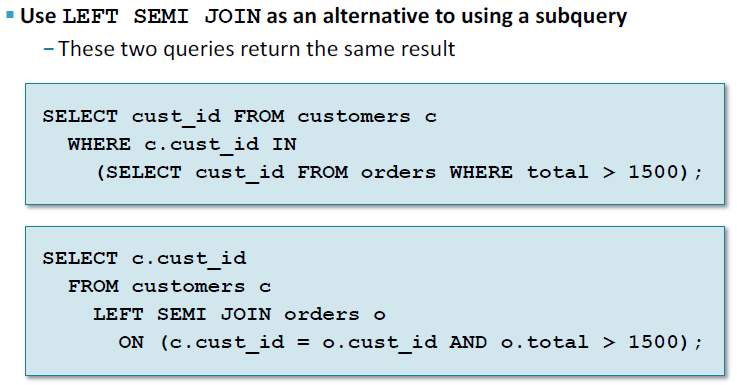


NULL-Safe Join Example









BUILT-IN FUNCTIONS

