**Hive Data Definitions**

**Hive Data Definition Language** (**DDL**) is a subset of Hive SQL statements that describe the data structure in Hive by creating, deleting, or altering schema objects such as databases, tables, views, partitions, and buckets. Most Hive DDL statements start with the keywords CREATE, DROP, or ALTER. The syntax of Hive DDL is very similar to the DDL in SQL.

Hive Data Manipulation Language

[Hive Data Manipulation Language](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-HiveDataManipulationLanguage)

* + [Loading files into tables](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-Loadingfilesintotables)
  + [Inserting data into Hive Tables from queries](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-InsertingdataintoHiveTablesfromqueries)
    - [Dynamic Partition Inserts](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-DynamicPartitionInserts)
  + [Writing data into the filesystem from queries](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-Writingdataintothefilesystemfromqueries)
  + [Inserting values into tables from SQL](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-InsertingvaluesintotablesfromSQL)
  + [Update](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-Update)
  + [Delete](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-Delete)
  + [Merge](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-Merge)

There are multiple ways to modify data in Hive:

* [LOAD](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-Loadingfilesintotables)
  + INSERT-[into Hive tables from queries](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-InsertingdataintoHiveTablesfromqueries), [into directories from queries](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-Writingdataintothefilesystemfromqueries), [into Hive tables from SQL](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-InsertingintotablesfromSQL)
* [UPDATE](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-Update)
* [DELETE](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-Delete)
* [MERGE](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+DML#LanguageManualDML-Merge)

[EXPORT and IMPORT](https://cwiki.apache.org/confluence/display/Hive/LanguageManual+ImportExport) commands are also available (as of [Hive 0.8](https://issues.apache.org/jira/browse/HIVE-1918)).