**PARTITIONING IN HIVE :**

It is a way of dividing a table into related parts based on the values of partitioned  
columns such as date, city, department, etc

Partitioning can be done based on more than column which will impose multidimensional structure on directory storage.

Types of partition

Static partitioning :

* Static partitioning needs to be applied when we know data belongs to which partition

dynamic partitioning :

* In static partitioning, every partition needs to be backed with individual hive statement which is not feasible for large number of partitions as it will require writing of lot of hive statements.
* In that scenario dynamic partitioning is suggested s we can create as many number of partitions with single hive statement