QUERIES

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- **Creating table:**
  create table if not exists permits (Permit_No string, Status string, Status_Date string, Permit_Type string, Permit_Sub_Type string, Permit_Category string, Initiating_Office string, Issue_Date date, Address_Start string, Address_End string, Street_Direction string, Street_Name string, Street_Suffix string, Unit_Range_Start string, Unit_Range_End string, Zip_Code int, Work_Description string, Valuation string, Contractor_Business_Name string, Contractor_Address string, Contractor_City string, Contractor_State string, License_Type string, License_No string, Principal_First_Name string, Principal_Middle_Name string, Principal_Last_Name string, License_Expiration_Date string, Zone string, Occupancy string, Census_Tract string, Latitude_and_Longitude string)
  row format delimited fields terminated by ','
  TBLPROPERTIES("skip.header.line.count"="1");

- **Loading Data:**
  LOAD DATA INPATH '\HdiSamples\Building_and_Safety_Permit_Information.csv'OVERWRITE INTO TABLE permits;

- **Grouping by Permit Types:**
  select Permit_Types, count(*) from permits Group by Permit_Types;

- **Grouping by Initiating Offices:**
  select initiating_office, count(*) from permits Group By initiating_office;

- **Grouping by Permit Types with respect to Issue Date:**
  select Issue_Date, Permit_Type, count(Permit_Type) from permits group by Issue_Date, Permit_Type;

- **Types of Permit Statuses in every Year:**
  select Issue_Date, Status, count(Status) from permits group by Issue_Date, Status;

- **Distinct command:**
  select Distinct Contractor_State from permits;

- **Grouping by Zip Codes:**
  select Zip_Code, count(*) from permits Group By Zip_Code;