Experiment 1: Datawarehouse and Schemas

Problem Statement:

Creation of Data Warehouse for a hospital having 3 dimensions.

1) Doctor 2) Patient 3) Time and two measures 1) Charge and 2) Count, where charge is for that a doctor charges a patient for a visit. Draw the Star Schema and Snowflake Schema for the same.

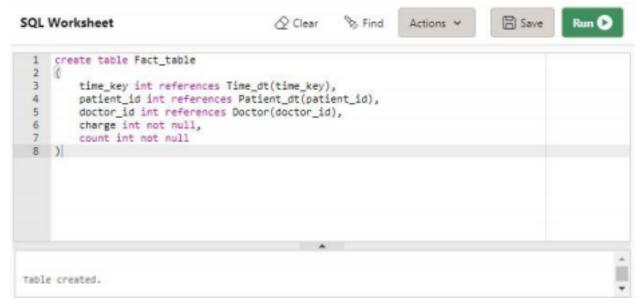
Output:

1. Creating Dimension Tables - Fact, Time, Patient and Doctor

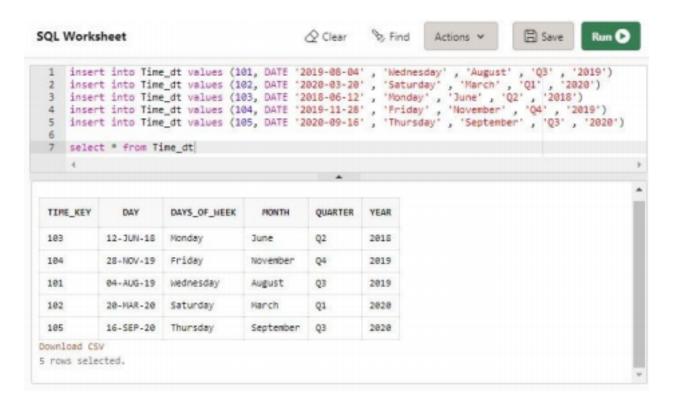
```
SQL Worksheet
                                                                                     ☐ Save
                                                                                                 Run 🖸
                                                         & Find

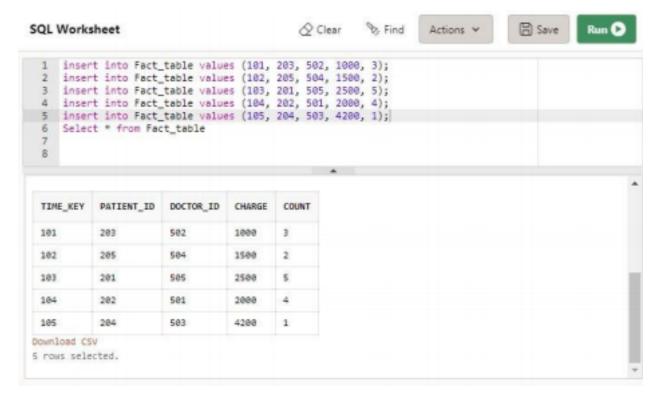
    Clear

                                                                     Actions ~
     create table Time_dt
 2 (
 3
          time_key int primary key,
         day date not null,
 4
 5
         days_of_week varchar(255) not null,
         month varchar(255) not null,
quarter varchar(255) not null,
 6
  8
          year varchar(255) not null
 9 )
Table created.
```

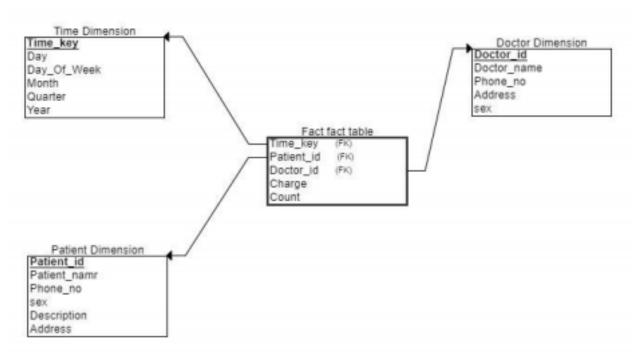


2. Inserting Values in Fact, Doctor, Patient and Time dimension tables





Star Schema:



Snowflake Schema:

