**My self C B Sumanth:**

I am applied through Internshala for an data analytics intern and I got assignment to complete.My Assignment Answer.

***Exercise-1:***

**Historical Data Transformation Objective:** Transform current employee data from a columnar format into a historical, row-based versioning format suitable for database storage.

**Task Overview:** Your task is to convert an input CSV file containing employee data into a structured format representing historical records of employee compensation, engagement, and performance reviews. The new format requires transforming columnar data into a row-based historical versioning system for insertion into our data warehouse

**Process of Making change CSV to Structured Query Data:**

**Step1:**

* Manipulate the data as per our requirement and change their columns name to fit the database.

**Step2:**

* Create a Database and use the database.
* Create a Table and insert the CSV Data into SQL query.

I would like to attach the images of my output:

* I am pasted my assignment answer though screenshot which I got an answer.
* To convert CSV file to SQL Query.

**Exercise-2**

**Context :**

You have a data set which is a response to a recently run survey in a company on different themes or "Drivers".

As a data analyst, you have to analyse the data set to give useful slice & dice to the HR leader so that they can take actions.

***List of question to analyze the data are:***

1)How many employees are there in the dataset?

2)How many distinct departments are there?

3)How many male and female employees are there?

4)what ate the employee location?

5) male top location and female top location?

6)Deatailing about the Driver?

7)Average score given by for each driver?

8)How many employees have participated in the survey?

9)Highest score get by the each driver ?

10)How many male and female employees have participated in the survey?

11)Which department has the highest average score?

12)What is the overall average score given by all employees?

13)Who is the youngest employee to participate in the survey?

14)Which driver has the lowest average score?

15)How many employees have given a score of 5 for each driver?

16)What is the distribution of scores for each driver?

17)Who are the managers with the highest number of direct reports?

18)Each department given score for each driver?

19)Each department got score from each gender ?

20)Age group consideration?

**#GIVEN SOLUTION OUTPUT:**

**Question and Answer:**

**Answer for every query:**