

CAPSTONE PROJECT
INSTANT HEALTH ALERT SYSTEM
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STATEMENTS TO CREATE EXTERNAL HIVE TABLE FOR PATIENTS VITAL INFORMATION

1. We can create external table for patient vital information using the following command:

```
hive> CREATE EXTERNAL TABLE PatientInfoTable(  
CustomerId int,  
BP int,  
HeartBeat int,  
Message_time timestamp)  
STORED AS PARQUET;
```

```
hive> CREATE EXTERNAL TABLE PatientInfoTable(  
  > CustomerId int,  
  > BP int,  
  > HeartBeat int,  
  > Message_time timestamp)  
  > STORED AS PARQUET;  
OK  
Time taken: 0.109 seconds
```

2. For loading data from parquet files into hive table, we can use the following command:

```
load data inpath 'PatientInformation' into table PatientInfoTable;
```

```
hive> load data inpath 'PatientInfo' into table PatientInfoTable;  
Loading data to table patient_db.patientinfotable  
OK  
Time taken: 0.432 seconds
```

3. In order to view the data in PatientInfoTable, we can use the following command:

```
hive> select * from PatientInfoTable;
```

```
hive> select * from PatientInfoTable;  
OK
```

4. Data Retrieved Screenshot:

158	3	66
176	4	71
168	5	67
184	1	73
160	2	73
156	3	67
154	4	66
172	5	66
212	1	75
165	2	67
154	3	68
178	4	71
177	5	69
174	1	73
178	2	69
176	3	70