

```
CREATE DATABASE patient;
```

```
USE patient;
```

```
SELECT*FROM patient.name_details;
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```
SELECT*FROM patient.hospital_details;
```

```
SELECT*FROM patient.medical_details;
```

```
select n.Customer_ID, n.name, m.BMI, m.HBA1C, m.Heart_Issues,  
m.Any_Transplants, m.Cancer_history, m.NumberOfMajorSurgeries,  
m.smoker, h.children, h.charges, h.Hospital_tier, h.City_tier, h.State_ID,  
h.Age  
from name_details n left join medical_details m  
on n.Customer_ID = m.Customer_ID  
left join hospital_details h  
on n.Customer_ID = h.Customer_ID;
```

```
SELECT*FROM patient.merged_details;
```

```
select Customer_ID, name, Age  
from merged_details  
where HBA1C > 6.5 and Heart_Issues = 'Yes';
```

```
select AVG(Age) as AverageAge  
from merged_details  
where HBA1C > 6.5 and Heart_Issues = 'Yes';
```

```
select AVG(children) as AverageDependentChildren  
from merged_details  
where HBA1C > 6.5 and Heart_Issues = 'Yes';
```

```
select AVG(BMI) as AverageBMI  
from merged_details  
where HBA1C > 6.5 and Heart_Issues = 'Yes';
```

```
select AVG(charges) as Average_Hospitalization_Cost  
from merged_details  
where HBA1C > 6.5 and Heart_Issues = 'Yes';
```

```
select AVG(charges) as Average_Hospitalization_Cost
from merged_details
where Hospital_tier = "tier - 1";
```

```
select AVG(charges) as Average_Hospitalization_Cost
from merged_details
where Hospital_tier = "tier - 2";
```

```
select AVG(charges) as Average_Hospitalization_Cost
from merged_details
where Hospital_tier = "tier - 3";
```

```
select AVG(charges) as Average_Hospitalization_Cost
from merged_details
where City_tier = "tier - 1";
```

```
select AVG(charges) as Average_Hospitalization_Cost
from merged_details
where City_tier = "tier - 2";
```

```
select AVG(charges) as Average_Hospitalization_Cost
from merged_details
where City_tier = "tier - 3";
```

```
select count(Customer_ID) as Total_Number_of_People
from merged_details
where Cancer_history = 'Yes' and NumberOfMajorSurgeries between 1 and 3;
```

```
select State_ID, count(Hospital_tier) as
Count_of_HospitalTier1_in_each_state
from merged_details
where Hospital_tier = "tier - 1"
group by State_ID;
```