

**#1 RETRIEVE ALL SUCCESSFUL BOOKINGS:**

```
SELECT * FROM bookings  
WHERE Booking_Status = 'Success';
```

**# Creating view for this query**

```
CREATE view Successful_Bookings as  
SELECT * FROM bookings  
WHERE Booking_Status = 'Success';
```

**#Outcome from doing all above things**

```
SELECT * FROM Successful_Bookings;
```

**#2 FIND THE AVERAGE RIDE DISTANCE FOR EACH VEHICLE TYPE:**

```
CREATE view RIDE_DISTANCE_FOR_EACH_VEHICLE As  
SELECT Vehicle_Type, AVG(Ride_Distance)  
as avg_distance FROM bookings  
GROUP BY Vehicle_Type;
```

```
SELECT * FROM RIDE_DISTANCE_FOR_EACH_VEHICLE;
```

**#3 GET THE TOTAL NO. OF CANCELLED RIDES BY COSTUMER:**

```
CREATE VIEW RIDES_BY_COSTUMER as  
SELECT COUNT(*) FROM bookings  
WHERE Booking_Status = 'Canceled_Rides_by_Customer';
```

```
SELECT * FROM RIDES_BY_COSTUMER ;
```

**#4 LIST TOP 5 COSTUMERS WHO BOOKED THE HIGHEST NUMBER OF RIDES:**

```
CREATE VIEW TOP_5_COSTUMERS AS  
SELECT Customer_ID, COUNT(Booking_ID) as total_rides  
FROM bookings  
GROUP BY Customer_ID  
ORDER BY total_rides DESC LIMIT 5;
```

```
SELECT * FROM TOP_5_COSTUMERS;
```

**#5 GET THE NUMBER OF RIDES CANCELED BY DRIVERS DUE TO PERSONAL AND CAR RELATED ISSUES:**

```
CREATE VIEW  
RIDES_CANCELED_BY_DRIVER_DUE_TO_PERSONAL_AND_CAR_RELATED_ISSUES  
AS  
SELECT COUNT(*) FROM bookings  
WHERE Booking_Status = 'Personal & Car related issue';
```

**-- OR (Another way with alias)**

**CREATE VIEW  
RIDES\_CANCELED\_BY\_DRIVER\_DUE\_TO\_PERSONAL\_AND\_CAR\_RELATED\_ISSUES  
AS  
SELECT COUNT(\*) AS total\_rides\_canceled\_by\_driver  
FROM bookings  
WHERE Booking\_Status = 'Personal & Car related issue';**

**SELECT \* FROM  
RIDES\_CANCELED\_BY\_DRIVER\_DUE\_TO\_PERSONAL\_AND\_CAR\_RELATED\_ISSUES;**

**#6 FIND THE MAX AND MIN DRIVER RATINGS FOR PRIME SEDAN BOOKINGS:  
CREATE VIEW MAX\_AND\_MIN\_DRIVER\_RATINGS\_FOR\_PRIME\_SEDAN\_BOOKINGS AS  
SELECT  
MIN(Driver\_Ratings) AS MIN\_DRIVER\_RATINGS,  
MAX(Driver\_Ratings) AS MAX\_DRIVER\_RATINGS  
FROM bookings  
WHERE Vehicle\_Type = 'Prime Sedan';**

**SELECT \* FROM MAX\_AND\_MIN\_DRIVER\_RATINGS\_FOR\_PRIME\_SEDAN\_BOOKINGS;**

**#7 RETRIEVE ALL RIDES WHERE PAYMENT WAS MADE USING UPI:  
CREATE VIEW PAYMENT\_MADE\_UPI AS  
SELECT \* FROM bookings  
WHERE Payment\_Method = 'UPI';**

**SELECT \* FROM PAYMENT\_MADE\_UPI;**

**#8 FIND THE AVERAGE CUSTOMER RATING PER VEHICLE TYPE:  
CREATE VIEW AVG\_CUSTOMER\_VEHICLE\_TYPE AS  
SELECT Vehicle\_Type, AVG(Customer\_Rating)  
FROM bookings  
GROUP BY Vehicle\_Type;**

**SELECT \* FROM AVG\_CUSTOMER\_VEHICLE\_TYPE;**

**#9 CALCULATE THE TOTAL BOOKING VALUE OF RIDES COMPLETED SUCCESSFULLY:  
CREATE VIEW TOTAL\_RIDES\_COMPLETED\_SUCCESSFULLY AS  
SELECT  
SUM(Booking\_Value) AS TOTAL\_RIDES\_COMPLETED\_SUCCESSFULLY  
FROM bookings  
WHERE Booking\_Status = 'Success';**

**SELECT \* FROM TOTAL\_RIDES\_COMPLETED\_SUCCESSFULLY ;**

**#10 LIST ALL INCOMPLETE RIDES ALONG WITH REASON:**

**CREATE VIEW INCOMPLETE\_RIDES\_WITH\_REASON AS**

**SELECT Booking\_ID, Incomplete\_Rides\_Reason**

**FROM bookings**

**WHERE Incomplete\_Rides = 'Yes';**

**SELECT \* FROM INCOMPLETE\_RIDES\_WITH\_REASON ;**

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**SELECT \* FROM RIDE\_DISTANCE\_FOR\_EACH\_VEHICLE;**

**#3 GET THE TOTAL NO. OF CANCELLED RIDES BY COSTUMER:**

**SELECT \* FROM RIDES\_BY\_COSTUMER ;**

**#4 LIST TOP 5 COSTUMERS WHO BOOKED THE HIGHEST NUMBER OF RIDES:**

**SELECT \* FROM TOP\_5\_COSTUMERS;**

**#5 GET THE NUMBER OF RIDES CANCELED BY DRIVERS DUE TO PERSONAL AND CAR RELATED ISSUES:**

**SELECT \* FROM**

**RIDES\_CANCELED\_BY\_DRIVER\_DUE\_TO\_PERSONAL\_AND\_CAR\_RELATED\_ISSUES;**

**#6 FIND THE MAX AND MIN DRIVER RATINGS FOR PRIME SEDAN BOOKINGS:**

**SELECT \* FROM MAX\_AND\_MIN\_DRIVER\_RATINGS\_FOR\_PRIME\_SEDAN\_BOOKINGS;**

**#7 RETRIEVE ALL RIDES WHERE PAYMENT WAS MADE USING UPI:**

**SELECT \* FROM PAYMENT\_MADE\_UPI;**

**#8 FIND THE AVERAGE CUSTOMER RATING PER VEHICLE TYPE:**

**SELECT \* FROM AVG\_CUSTOMER\_VEHICLE\_TYPE;**

**#9 CALCULATE THE TOTAL BOOKING VALUE OF RIDES COMPLETED SUCCESSFULLY:**

**SELECT \* FROM TOTAL\_RIDES\_COMPLETED\_SUCCESSFULLY ;**

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**SELECT \* FROM INCOMPLETE\_RIDES\_WITH\_REASON ;**

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## **POWER BI:**

### **1. Overall**

- Ride Volume Over Time**
- Bookings status breakdown**

### **2. Vehicle Type**

**Top 5 Vehicle Types by Ride Distance**

### **3. Revenue**

- Revenue by Payment Method**
- Top 5 Customers by Total Booking Value**
- Ride Distance Distribution Per Day**

### **4. Cancellation**

- Cancelled Rides Reasons (Customer)**
- Cancelled Rides Reasons(Drivers)**

### **5. Ratings**

- Driver Ratings**
- Customer Ratings**