Average Rating by Cuisine: Write a query to calculate the average rating for each cuisine type available in the dataset.

```
SELECT Cuisine, ROUND(AVG (Ratings),2) AVG_RATINGS FROM Swiggy GROUP BY Cuisine
```

Top 3 Restaurants by Rating: Write a query to fetch the top 3 restaurants with the highest ratings, including their name, location, and rating.

```
SELECT Restaurant,Ratings,[Address],Area,city FROM Swiggy ORDER BY Ratings DESC
OFFSET 0 ROWS
FETCH NEXT 3 ROWS ONLY;
```

Price Range Count: Write a query to count how many restaurants fall into different price ranges (e.g., < 300, 300-600, > 600).

```
SELECT COUNT(Restaurant) as Restaurant_count,
        (CASE WHEN Price <300 THEN '<300'
              WHEN Price BETWEEN 300 AND 600 THEN '300-600'
              ELSE '>600' END
        ) AS Price_Range
 FROM Swiggy
 GROUP BY (CASE WHEN Price <300 THEN '<300'
              WHEN Price BETWEEN 300 AND 600 THEN '300-600'
              ELSE '>600' END
        );
```

Restaurants in Koramangala: Write a query to retrieve all restaurants in Koramangala that have a rating greater than 4.0 and are priced under 500.

```
SELECT Restaurant,Cuisine,Price FROM Swiggy WHERE Area= 'Koramangala' AND Ratings > 4.0 AND Price <'500';
```

Cuisine Distribution: Write a query that lists each cuisine type along with the count of restaurants offering that cuisine.

```
SELECT Cuisine, COUNT(Restaurant) Count_of_Restaurants FROM Swiggy  GROUP BY Cuisine
ORDER BY Count_of_Restaurants DESC
```

Restaurant Recommendations: Write a query to find restaurants that have a rating of at least 4.0 and are located on the same road as "Tandoor Hut".

```
SELECT Restaurant, Ratings FROM Swiggy WHERE Ratings >4.0 AND
        [Address] IN (SELECT [Address] FROM Swiggy WHERE Restaurant='Tandoor Hut');
```

Average Price by Block: Write a query to calculate the average price of restaurants by block (e.g., 5th Block, Double Road, etc.).

```
SELECT [Address],ROUND(AVG(Price),2) AS Avg_Price FROM Swiggy GROUP BY  [Address]
```

Top Restaurant by Block: Write a query that returns the top-rated restaurant in each block based on the average rating.

```
SELECT Restaurant,ROUND(AVG(Price),2) AS Avg_Price FROM Swiggy GROUP BY  Restaurant
```

Cuisine Performance Analysis: Write a query to determine which cuisine type has the highest average rating and the count of restaurants. Include both the average rating and count in the result.

```
WITH Cuisine_Performance_Analysis
AS (
SELECT Cuisine, ROUND(AVG(Ratings),2) AS Avg_Ratings, COUNT(Restaurant) Count_of_Restaurants,
        RANK() OVER(PARTITION BY Cuisine ORDER BY Ratings DESC) AS [Rank]
FROM Swiggy
GROUP BY Cuisine, Ratings
)
```

```
SELECT Cuisine,Avg_Ratings,Count_of_Restaurants FROM Cuisine_Performance_Analysis WHERE
[Rank]='1';
```

Detailed Report: Write a query that generates a report showing the restaurant name, location, cuisine, price, and rating for all restaurants that are priced above 500.

```
SELECT Restaurant, ([Address] + '  ' + Area +'  ' + City) [Location],Cuisine, Price, Ratings  FROM Swiggy
WHERE Price>500
```