**ZOMATO RESTAURANT DASHBOARD**

**Dashboard Sections:**

1. **Overview:**
   * Total number of restaurants in Bangalore.
   * Average rating of restaurants in Bangalore.
   * Average approximate cost for two people.
2. **Rating Analysis:**
   * Distribution of restaurant ratings by City.
   * Top-rated restaurants and their details (name, rating, restaurant type, area, average approx. cost for two).
3. **Cost Analysis:**
   * Average of approximate cost for two people
4. **Cuisine Insights:**
   * Most popular cuisines in Bangalore
   * Top cuisines and number of restaurants
5. **Most Liked Dish:**
   * Dish with the highest number of likes across all restaurants.
   * Restaurant(s) known for serving the most liked dish.
6. **Restaurant Analysis:**
   * Top restaurants by rating and popularity.
   * Top restaurants providing online order.
   * Key details of top restaurants (e.g., name, rating, cost for two, location and type).

**Data Sources:**

* **Zomato Restaurant Data:**  It is a CSV which contains type, location, rating, cusines details.

**Tools and Technologies:**

* **Visualization Tools:** Power BI, Power Query.

**Implementation Steps:**

1. **Data Collection:**
   * Get the data from the CSV.
2. **Data Cleaning and Preparation:**
   * Clean the data to remove duplicates, handle missing values, and format it for analysis.
   * Calculate averages, distributions, and identify outliers.
3. **Dashboard Design:**
   * Design a visually appealing dashboard using chosen visualization tools.
   * Organize sections logically and ensure easy navigation.
4. **Interactive Features:**
   * Implement filters (by rating range, cost range, order type) to allow users to explore data dynamically.
   * Include hover-over tooltips for detailed information.
5. **Testing and Optimization:**
   * Test the dashboard for usability and performance.
   * Optimize queries for faster data retrieval and rendering.

**Metrics:**

* **Average Rating:** 3.70
* **Average Cost for Two:** ₹555.43
* **Most Liked Dish:** Biryani, Tomato Soup, Farm Pizza, Dumplings, Lemonade, Salad, Smoothie Bowls
* **Top-rated Restaurant**: Asia Kitchen by Mainland China

**Conclusion:**

Dashboard provides deep insights into the restaurant landscape of Bangalore. Users can explore ratings, costs, cuisines, and popular dishes to make informed dining decisions based on real-time data from Zomato.