**Report:**

**Title:** Analyze datasets related to user behavior, cooking preferences, and order trends.

**Executive Summary:**

This report analyzes various aspects of meal orders, including order trends, customer preferences, and revenue generation. The data is derived from three datasets: CookingSessions.csv, OrderDetails.csv, and UserDetails.csv.

**Key Findings:**

1. **Order Trends:**
   * **Total Orders:** The total number of orders is 94.
   * **Total Revenue:** The total revenue generated from orders is USD 180.00
   * **Total Durations:** 485 mins
   * **Order Distribution by Age Category:**
     + The majority of (49%) orders are from the "25-30" age group.
     + The "30-35" age group has the second-highest orders (20%).
   * **Order Distribution by Year, Quarter, and Month:**
     + The highest number of orders (27) was in the year 2023, specifically in the fourth quarter December 2nd.
2. **Customer Preferences:**
   * **Popular Dishes:**
     + The most popular dish is " Spaghetti & Grilled Chicken " with 44 & 43 orders.
     + "Caesar Salad and Pancakes" is the second most popular dish with 27 orders.
   * **Average Rating by Dish Name:**
     + The highest average rating (4.5) is for "Spaghetti."
     + "Veggie Burger" has the lowest average rating (2.0).
3. **Revenue Analysis:**
   * **Revenue by Location:**
     + The highest revenue (USD 35.00) is from the "New York" location.
     + "Chicago" has the second-highest revenue (USD 32.00).
     + The lowest revenue (USD 11.00) is from the “Miami” location.
4. **Meal Type Slicer Analysis:**
   * + When you select a specific meal type from the slicer, the report visuals will dynamically update to display only the data related to that selected meal type.
     + You can easily switch between different meal types to compare performance, trends, or other metrics.
     + By focusing on specific meal types, you can identify trends, patterns, and areas for improvement.
     + Slicers help you make informed decisions based on data-driven insights.

**Recommendations:**

1. **Targeted Marketing:** Focus marketing efforts on the "25-30" age group, as they are the largest customer segment.
2. **Product Promotion:** Promote "Grilled Chicken & Spaghetti" and "Caesar Salad" as they are the most popular dishes.
3. **Location Optimization:** Invest in improving the "New York" location to further capitalize on its revenue potential.
4. **Menu Enhancement:** Consider revising the "Veggie Burger" dish to improve its customer rating.

**Additional Considerations:**

* It would be beneficial to collect data on customer feedback and preferences to further refine product offerings and marketing strategies.