Optimized Model Framework for Restaurant Sales Prediction

Data Structure and Details

The dataset contains the following fields:

- Date: The date of the sales or inventory record.

- ID: Unique product ID.

- Name: Name of the product.

- Number Sold: Quantity of the product sold.

- Discount: Discount applied to the product (e.g., 0.1 for 10% off).

- Price: Original price of the product before discount.

- Event: Type of event impacting sales (e.g., public holiday, local festival).

- Weather: Weather conditions on the specified date.

- Restaurant Name: Name of the restaurant.

- Restaurant Type: Category of the restaurant (e.g., cafe, fast food, bakery).

- Restaurant ID: Unique identifier for the restaurant.

- Restaurant Address: Address of the restaurant.

- Restaurant Annual Sale: Annual revenue of the restaurant.