Data Dictionary

**Project Name:** Medicine Analysis Report

**Description:** This dataset contains detailed information on 112,17medicines, including their price, manufacturer, composition, and whether they are discontinued. Key columns include the medicine name, price in INR, manufacturer name, and pack size

1. **Medicine name**

Description: The name of the medicine, which can be used to identify specific products.

Data Type: String.

**Purpose:** Identifies the specific medicine in the dataset. This could be a brand name or a generic name.

**Example:** "Aceclofenac" or "Paracetamol".

1. **Price**

Description: The price of the medicine in Indian Rupees (₹). This is the cost for consumers and may vary across medicines.

Data Type: Float

**Purpose:** Provides information on the cost to consumers, which can influence purchasing decisions.

**Example**: A price of ₹126.89 means the medicine costs one hundred twenty-six rupees and eighty-nine paise.

1. **Is\_discontinued**

Description: A binary indicator showing whether the medicine has been discontinued. If marked as True, the medicine is no longer available for sale or has been removed from production.

Data Type: Boolean

**Purpose:** Helps to determine if the medicine can still be purchased or is out of production.

Example: True means the medicine is discontinued; False means it is still available.

**4.short composition1**

Description: This field describes the key active ingredient in the medicine along with its dosage. This composition seems to include the primary chemical or drug used in the medicine formulation.

Data Type: String.

Purpose: Indicates the main therapeutic component of the medicine, providing insight into its intended effect.

Example: "Aceclofenac (100mg)" indicates the active ingredient is Aceclofenac at a dosage of 100 mg.

**5.short composition2**

Description: This field holds information about a secondary active ingredient, if applicable. In some medicines, multiple ingredients are used in combination.

Data Type: String.

Purpose: Provides additional information on other components that may enhance the medicine's effectiveness or treat multiple symptoms.

Example: "Domperidone (30mg)" shows that Domperidone is also included at a dosage of 30 mg.

**6.pack\_size\_lable**

Description: The label indicating the size or quantity of the medicine packaging.

Data Type: String

Purpose: Provides information on how much of the medicine is included in one package, which is essential for both consumers and healthcare providers for proper dosage and usage instructions.

Example: The pack\_size\_label could be "10 Tablets," "30 Capsules," "200 ml," etc., specifying the amount of the medicine contained within the packaging.

**7.manufacturer\_name**

Description: The name of the pharmaceutical company or manufacturer responsible for producing the medicine.

Data Type: String

Purpose: Identifies the source of the medicine, which is important for quality assurance, regulatory compliance, and brand reputation. It helps consumers and healthcare professionals know who is behind the product.

Example: The manufacturer\_name could be "Sun Pharmaceuticals," "Pfizer," or "Cipla," indicating the company that manufactures the specific medicine.

**8.Type**

Description: The classification or category of the medicine, which provides information about its primary use or therapeutic area.

Data Type: String.

**Purpose:** Helps to categorize medicines based on their function, making it easier for healthcare professionals and consumers to understand their intended effects and applications.