**Project name: BigBasket product report analysis**

**Description:**

The dataset consists of 27,555 rows and 9 col. from BigBasket dataset, an online grocery store. It includes detailed information on various products:

**1.Index:**

Data Type: Integer

Description: A unique identifier for each product. Typically auto-generated, this helps differentiate each product row in the dataset.

**2. product:**

Data Type: String

Description: The name or title of the product being sold. It includes a brief description to identify the item.

Example: "Garlic Oil - Vegetarian Capsule 500 mg"

**3. category:**

Data Type: String

Description: The main category to which the product belongs. It’s a high-level classification used to group similar products.

Example: "Beauty & Hygiene", "Kitchen, Garden & Pets"

**4. sub-category:**

Data Type: String

Description: A more specific category under the main category. It narrows down the classification and provides more detail on the type of product.

Example: "Hair Care", "Storage & Accessories**"**

**5. brand**

Data Type: String

Description: The brand or manufacturer associated with the product. This helps to identify who produces or markets the product.

Example: "Sri Sri Ayurveda", "Mastercook"

**6. sale\_price**

Data Type: Float

Description: The current selling price of the product, often reflecting discounts or special pricing.

Example: 220.00

**7. market\_price**

Data Type: Float

Description: The original market price (before any discount or sale). This is used to calculate the amount of discount offered.

Example: 220.00

**8. type**

Data Type: String

Description: A further classification or label for the product type within its category. It offers a detailed description of the product class.

Example: "Hair Oil & Serum", "Water & Fridge Bottles"

**9. rating**

Data Type: Float

Description: Customer rating for the product on a scale of 1 to 5, representing customer satisfaction.

Example: 4.1 (which represents a rating of 4.1 out of 5).