

## Data Dictionary – COVID-19 Food Consumption Analysis

This **Data Dictionary** provides definitions and descriptions of all key fields used in the dataset, ensuring clarity in understanding the data structure.

### Data Fields

Column Name	Data Type	Description
Category	String	The high-level classification of food items (e.g., 'Alcoholic Beverages', 'Cereals and Bakery Products').
Sub-Category	String	A more detailed classification within the Category (e.g., 'Beer', 'Bakery Products').
Month	Date	The date of the recorded food consumption, formatted as MM/DD/YYYY.
Millions of Dollars	Integer	The total consumption value in millions of dollars for the specified month and sub-category.

### Data Source

The dataset was sourced from **Kaggle**, a well-known platform for open-source datasets. It was structured to analyze food consumption trends across different periods of the COVID-19 pandemic.

### How the Data Was Used

The dataset underwent several stages of processing and transformation to create meaningful insights:

- **Data Cleaning & Preparation:** The dataset was imported into **Excel** for initial formatting, and then processed in **Tableau** for visualization.
- **Data Transformation:** Aggregations were created to compare food consumption across different periods (Pre-Pandemic, Pandemic Onset, and Post-Pandemic).
- **Data Visualization:** A **Tableau dashboard** was built to display key insights, such as average consumption trends and category-wise breakdowns.