ALL THE SOURCES USED AND THE DOCUMENTATION ARE ON GITHUB BUT HERE IS A MORE DETAILED REPORT

Data Sources and Documentation

1.1 Primary Dataset

- **Name**: *Household Consumer Expenditure Survey (HCES) 2022-23*
- **Year**: July 2022–June 2023 (Financial Year)
- **Conducted by**: National Sample Survey Office (NSSO), MoSPI, Government of India.
- **Report Reference**: *Report_591_HCES_2022-23* (Methodology and Key Findings).
- **Microdata Accessibility**:
  - **Portal**: MoSPI Microdata Repository.
  - **Dataset ID**: HCES_2022-23_Sch1.0 (15 hierarchical levels).

1.2 Dataset Structure

- **Files**: 15 fixed-width text files (hces22_lvl_01.TXT to hces22_lvl_15.TXT).
- **Level-wise Breakdown**:
  - **Levels 01–03**: Household Characteristics Questionnaire (HCQ).
    - **Variables**: FSU_Serial_No., Sector (Urban/Rural), Household_has_internet_facility, Household_size.
    - **Microdata Block**: HCES_2022-23_B1.1 (Page 12–18 of *Report_591*).
  - **Levels 04–06**: Food Diary Questionnaire (FDQ).
    - **Variables**: Total_Consumption--Value(Rs.), Consumption_out_of_home_produce.
    - **Table Reference**: Table 8 (Page 34) – Food expenditure by category.
  - **Levels 07–10**: Consumables & Services Questionnaire (CSQ).
    - **Variables**: Whether_any_online_purchase..._Education, Medicine, Fuel_&_light.
    - **Microdata Block**: HCES_2022-23_B4.2 (Page 45–52).
  - **Levels 11–13**: Durable Goods Questionnaire (DGQ).
    - **Variables**: Whether_household_possessed..._Laptop/PC, Motorcycle/Scooter.
  - **Level 14**: Section-wise subtotals (e.g., Total_expenditure_incurred_on_online_purchase).
  - **Level 15**: Metadata (e.g., Time_taken_to_canvass, Household_size).

1.3 Supplementary Files

1. **Layout File**:
   - **Name**: Layout_HCES_2022-23.xls.
   - **Purpose**: Decodes fixed-width text files into structured variables.
   - **Key Columns**:
     - Variable Name, Byte_Start_position, Byte_End_position, Length.
     - Example: FSU_Serial_No. (Bytes 9–13, Length 5).
   - **Access**: Provided alongside raw data on MoSPI's portal.
2. **State Code Mapping**:
   - **Name**: Tabulation_state_code.xlsx.

- ○ **Purpose**: Maps NSS-Region codes to state names (e.g., 25 → "Dadra & Nagar Haveli and Daman & Diu").
  - ○ **Source**: MoSPI's documentation package.
3. **Weights Calculation**:
   - ○ **Field**: Multiplier (last 15 bytes of each record).
   - ○ **Formula**: Final Weight = MLT / 100 for national estimates.

DEATILS:

ABHISHEK | abhishekpooja1408@gmail.com **| +91-6006450679 |**
🌐 **abhi-1408-shek - Overview**