

UN Sustainable Development Goals: Data Collection & Cleaning

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Outline

- Understand how to collect, store, clean data
- Apply this to UN Sustainable Development Goals
- Workshop on preparing data for GIS mapping

Collecting Data

- A dataset is a collection of several pieces of information called variables (usually arranged by columns).
- A variable can have one or several values (information for one or several cases).
- Qualitative data, quantitative data
- String versus numeric

Country	Year	GDP
USA	2015	19.39

UN Sustainable Development Goals

- **Goal 1: End Poverty in all its forms everywhere**
 - Target 1.1 By 2030, eradicate extreme poverty for all people everywhere
- **Goal 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels**
 - Target 16.2 End abuse, exploitation, trafficking and all forms of violence against and torture of children

Collecting Data: Follow-Along

- Using Excel
- CSV Files: comma-separated values
 - Simple way to store tabular data and import/export it across programs

<https://unstats.un.org/sdgs/indicators/database>

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