# Exercise 1

## Identifying Concepts

Use the table you were provided.

1. Identify concepts in the table
2. Mark each concept as:
   * Dimension
   * Attribute
   * Primary Measure (observation value)
3. For each attribute, specify its attachment level.

# Exercise 2

## Representation

Use the table you were provided and the data model you developed in Exercise 1.

1. Determine the representation of each concept in your data model: coded, formatted, or free-text.
2. For each coded concept, develop a code list
   * Select any approach for codes: numeric, alphabetical, alphanumeric, etc.
   * Use the approach consistently
3. For each formatted concept, if any, specify its format (e.g. date, 5-digit number, 10-character string, etc)

# Exercise 3

## Time series

1. Working with your table, determine the total number of time series.
2. For the first 5 time series in your table, provide a value for each concept in its series key, in accordance with the concepts and their representations you identified in the first two exercises.
   * For coded concepts, provide a valid code from the corresponding code list.
   * For un-coded concepts, provide a free-text or formatted value in accordance with the concept’s format.