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ASSIGNMENT 1: QUANTITATIVE AND QUALITATIVE DATA ANALYSIS

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DESCRIPTION OF THE VARIABLES

This dataset illustrates monthly records for Hospital Emergency Care in Portugal.

a. Variables in the database:

- **Período**
The time frame in which the data was created. (Monthly formatted as YYYY-MM).
- **Região**
refers to the health area of Portugal.
- **Instituição**
The healthcare entity to whom the data belongs. (Medical center or hospital).
- **Localização Geográfica**
The geographic coordinates of hospitals where the data was gathered. (latitude and longitude).

The information discovered on Hospital Emergency Care in Portugal conveys a structured perspective of emergency attendance using the Manchester Triage System, This approach categorizes patients according to the severity of their ailment, ensuring that the most serious cases receive urgent attention.

The variables in the dataset indicate the number of emergency attendances at various triage levels:

- Red (Vermelha) indicates life-threatening illnesses requiring immediate attention.
- Orange (Laranja) indicates severe problems requiring immediate attention.
- Yellow (Amarela) indicates moderate instances that require immediate attention but are not life-threatening.
- Green (Verde) : Cases that are less urgent and may wait longer for treatment.
- Blue (Azul) : Non-urgent situations with minimum intervention.
- White (Branca) : Situations where emergency care is unnecessary.
- Attendances without Manchester Triage categorization.

b. Statistical Unit :

Each documented an emergency visit to a healthcare facility.

c: Measurement Performed :

The dataset analyses emergency attendance based on Manchester Triage levels, hospitals, regions, and periods.