# EPG EDA

## Introduction:

EPG (Electronic Program Guide) is a kind of menu for available electronic programs. Following are the list of attributes in the table:

* **id:** A unique id
* **titles:** list of titles
* **sub\_titles:** list of secondary titles
* **episode\_number:** episode number
* **start\_dt:** start datetime of the program
* **end\_dt:** end datetime of the program
* **computed\_duration\_min:** Minimum runtime of the program in minutes
* **categories:** list of genres
* **channel:** channel
* **diffusion\_country:** country of origin of the program

## Requirements and Evaluation Criteria:

You are required to do Exploratory Data Analysis(EDA) on the data. Please keep in mind that this will need some data pre-processing beforehand.

Your work will be evaluated on the following:

* Best programming practices (code clarity, reusability, and cleanliness).
* Python programming skills (using list comprehensions and lambda expressions instead of for loop).
* It is highly recommended to use Pandas builtin functions for data manipulation instead of for-loops dataset.
* Time complexity optimization (parallelization of code to optimize performance).
* Use of Python libraries.