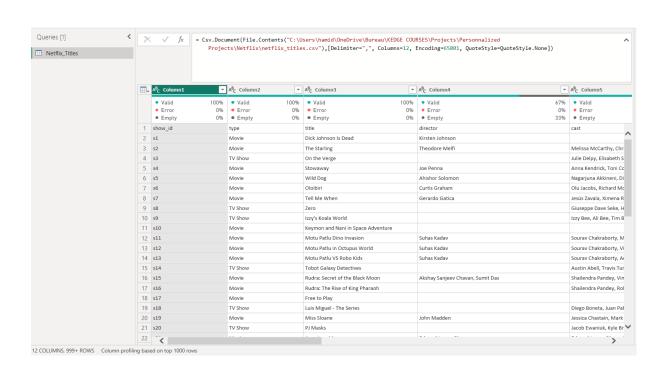
# **NETFLIX CLEANING AND DATA ANALYTICS**

#### Power BI

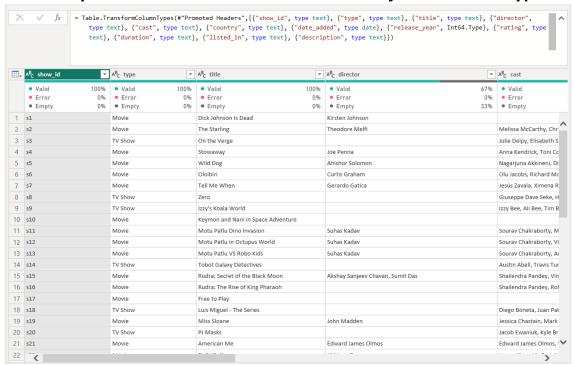
# 1. DATA CLEANING AND PRE-PROCESSING A- LOAD DATA

First, we must loads the csv in Power BI.



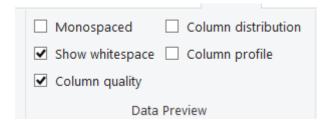
## **B-COLUMNS NAMES AND DATA TYPES**

### Let's now promote the columns header and check for all the data types:



## **C-NULL VALUE**

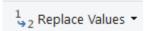
We must fill the null value from each column with column quality:



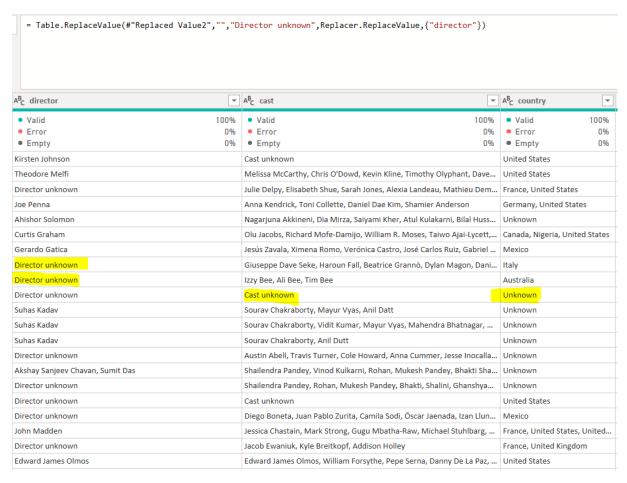
We can now see the columns with empty value:



## Go to Transform and "Replaces Values to change the empty values:



## Do this for all the columns:



# **D-DATES (YEAR)**

## Let's extract the Year of date\_added:



Add Column

- Click on the column date\_added:
- Go to Add column in the ribbon



- Go to From Date & Time then click on Date
- And select Year:



# **E-STANDARDIZATION**

Extract the first country before the comma:

For this, go to Transfom and then Extract:

And select "," for the Delimiter:

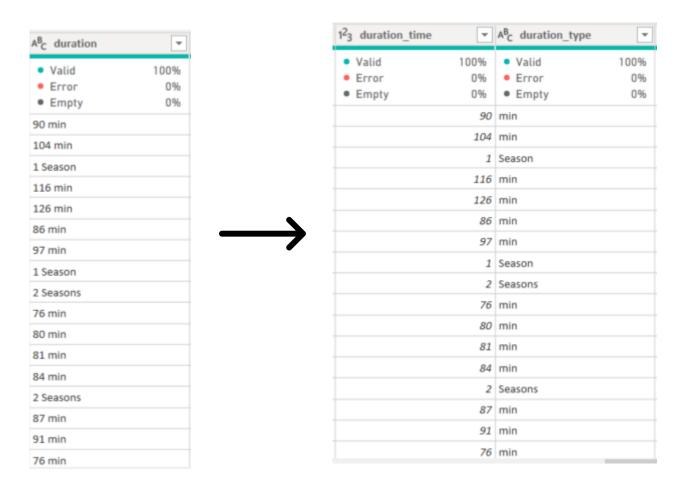




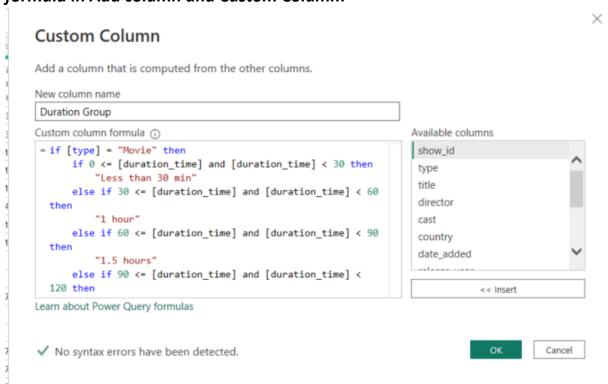
Do the same for the column listed\_in.

# F-DURATION

For a better visualisation of the duration, we must create a group of duration. To do this, split the column duration with a space delimiter to separate the number and the type.



# Now we can create our new Duration group column with this M formula in Add column and Custom Column:



## The following formula:

```
if [type] = "Movie" then
  if 0 <= [duration_time] and [duration_time] < 30 then</pre>
    "Less than 30 min"
  else if 30 <= [duration_time] and [duration_time] < 60 then</pre>
    "1 hour"
  else if 60 <= [duration_time] and [duration_time] < 90 then
    "1.5 hours"
  else if 90 <= [duration_time] and [duration_time] < 120 then</pre>
    "2 hours"
  else if 120 <= [duration_time] and [duration_time] < 180 then
    "3 hours"
  else if 180 <= [duration_time] and [duration_time] < 400 then
    "More than 3 hours"
  else
    Text.From([duration_time]) & " " & [duration_type]
else
  Text.From([duration_time]) & " " & [duration_type]
```

# 2. EDA (EXPLORATORY DATA ANALYSIS)