

Exploratory Data Analysis Using Power BI

Dataset : Netflix Movies and TV Shows

Procedure

- ➡ Extract / Import data from text/csv file using Power Query
- ➡ For csv/text data i also use notepad to observe problem with data after observe in power query and fix by notepad and refresh in power query
- ➡ Handling empty value
 - Approximately fill **`director`** columns missing value from **`cast`** similarity,
 - if you cannot then just fill by director missing,
 - for further solve this problem get director name from online data based on movie/ Tv show cast and join them (merge query) by power Query
- ➡ Handling messy data column **`duration`** column have min and session info I will convert it into minute only
- ➡ **`Listed_in`** column have multiple category movie/tv show type. I create a copy of my own table. Took **`show_id`** and **`Listed_in`** column only and split the **`listed_in`** column by created new conditional column by delimiter comma and apply row split. Then trim the column for removing extra split
- ➡ **`Description`** column have details description of move/ Tv show . I can extract whatever I need from there. And also I can create a conditional column . To extract, remember power Query is case sensitive . So to do exact extraction you can do your text transformation like Lowercase, uppercase, proper