EDA Code on Analysis viewership (Python)

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%md ### Promotes loose coupling between components by proving object
# Install Dependencies
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```
### To install and manange soft were packages
!pip install openpyxl -q

%md
### Assist offer specialized function
#Import libraries

%md
### We have the data of the viewership analysis of the movies and tv shows.
The total time watched by the viewers.
The platform is the platform where the movies and tv shows are watched.
The play event type is the type of event that is played.
The video title is the title of the movie or tv show.
# meta data

### importing panda help us process data
import pandas as dp

### Importing numpy library help us to perform matematical operations
import numpy as np
```

```
### To access the file
data_path = /Workspace/Users/mavismbn@gmail.com/Viewership Analysis .xlsx

### Attaching the excel file
survey_analysis = dp.read_excel(data_path)

### display data given
display(survey_analysis)

### display given number of rows and columns
survey_analysis.shape

### display Checking the data types for the columns
survey_analysis.dtypes
```

```
### displsy the columns
survey_analysis.columns

### display data information
survey_analysis.info()

### display unique values for the column 'Platform'
survey_analysis['Platform'].unique()

### display unique values for the column 'PlayEventType'
survey_analysis['PlayEventType'].unique()

## display minimum time watched for the column 'TotalTimeWatched'
survey_analysis['TotalTimeWatched'].min()

### Check maximum time watched for the column 'TotalTimeWatched'
survey_analysis['TotalTimeWatched'].max()

#### display the summary of the data
survey_analysis.describe

### display the first 5 rows
survey_analysis.head (5)

### display the last 5 rows
survey_analysis.tail (5)

### display the dublicate row in the data
survey_analysis.duplicated

### display the dublicate row in the data if its true/false
survey_analysis.duplicated()

### drop all the duplicate row
survey_analysis.drop_duplicates()


### Display the null value
survey_analysis.isnull()
```