

User guide

Scrum Master

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Github account: <https://github.com/gmznc/AnalyzingTrailer>

1. Introduction

Welcome to our Agent Based Data Acquisition System! This user manual provides information on how to use and maximize the features.

2. Getting Started

2.1 System Requirements

Depends on which Python version you're using. Minimum 4 GB RAM is needed, check the official Python website for latest requirements.

2.2 Python Installing

Download the program that suits you from the site below.

<https://www.python.org/downloads/>

It is recommended to use the Spyder ide in Anaconda navigator.

2.3 Python libraries to download

After downloading the code file from your Github account, whatever libraries are required are written at the very beginning of the code.

It will be easier to go directly to step 3 and download the code file as specified.

pandas 1.5.3

pytube 15.0.0

googleapiclient 1.62.0

moviepy 1.0.3

opencv 4.6.0

numpy 1.24.3

matplotlib 3.7

Github account: <https://github.com/gmznc/AnalyzingTrailer>

3.Files to download

When you go to the Github page, download the **create_data.py** file and the **movie.csv** file and save them in the same folder.

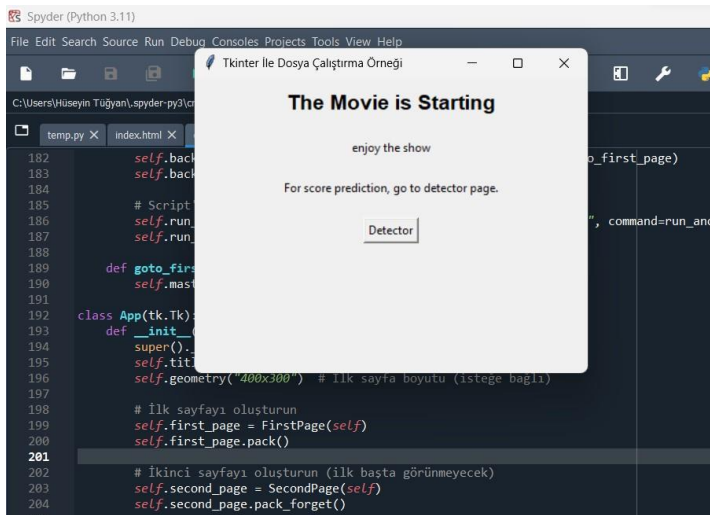
3.1.Running a program

Our user interface part is actually 4 and 5

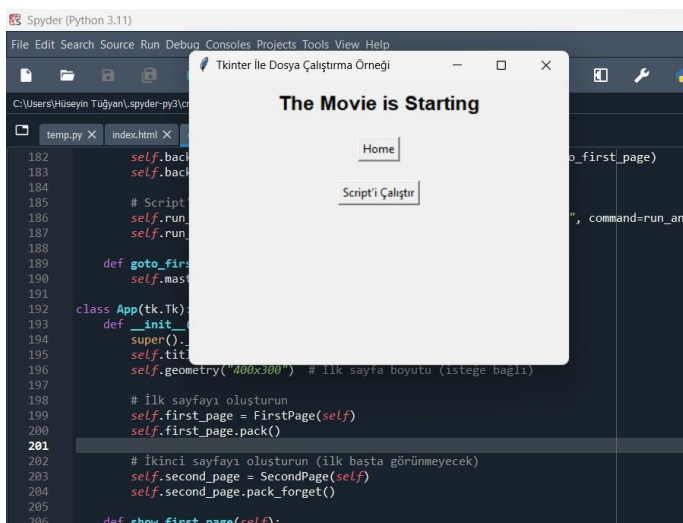
However, in order to make the program easier to understand and to understand that the data is being extracted, we have made an interface as follows.

3.2 Open interface

First, when we start running the code, this screen will appear.

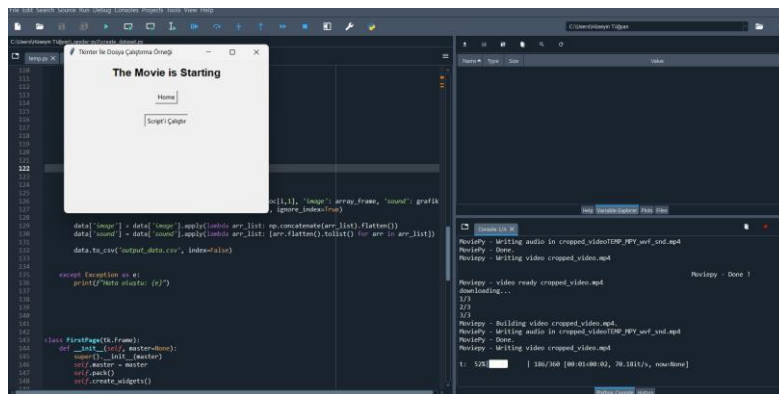


Then, when you click on the detector button, the following location will open.



Click run script to start pulling data

3.3 Data extraction code



After the data extraction process is completed, a csv file is created as **output data.csv** in the folder containing the codes.

3.4 Data

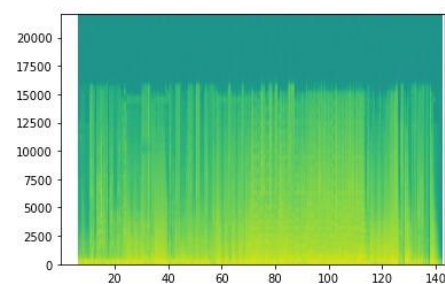
The screenshot shows the RStudio Data Viewer window titled "data - DataFrame". It displays a table with five columns: "index", "name", "rate", "image", and "sound". The first six rows of data are visible:

index	name	rate	image	sound
0	Blood Reunion 3: Hunters	9.1	[2 1 0 ... 0 0 0]	[[255, 255, 255, 255, 255, 255, 255, 255, 255, 255]]
1	Fantastic four	4.3	[0 0 0 ... 0 0 0]	[[255, 255, 255, 255, 255, 255, 255, 255, 255, 255]]
2	Pearl Harbor	6.2	[0 0 0 ... 0 0 0]	[[255, 255, 255, 255, 255, 255, 255, 255, 255, 255]]
3	After Time	7.8	[0 0 0 ... 0 0 0]	[[255, 255, 255, 255, 255, 255, 255, 255, 255, 255]]
4	Inception	8.8	[0 0 0 ... 0 0 0]	[[255, 255, 255, 255, 255, 255, 255, 255, 255, 255]]
5	The Godfather	9.2	[0 0 0 ... 0 0 0]	[[255, 255, 255, 255, 255, 255, 255, 255, 255, 255]]

At the bottom of the viewer, there are controls for formatting and saving. The "Format:" dropdown is set to "Background color". Other options include "Column min/max", "Save and Close", and "Close".

3.5 Data processing

The sounds in the trailer will be examined separately and a spectrogram chart will be made for the sounds and recorded in a series format.



4. User Interface

4.1 Dashboard & Home Page

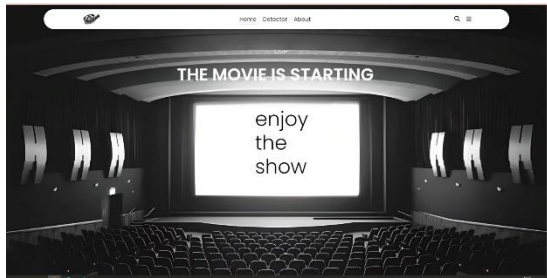
Dashboard provides an overview of all activities and key features.

4.2 Detector

Detector gets the files and uses them for the main goal

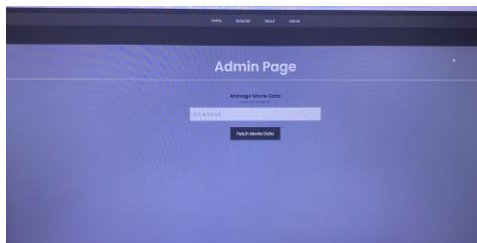
4.3 About

This section provides additional informations about the system.



5.Admin

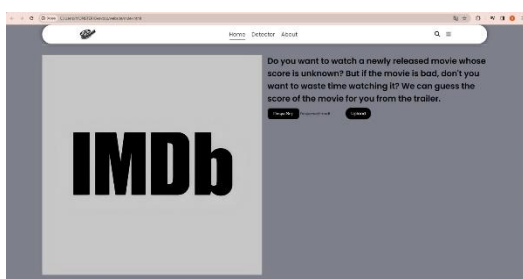
Unlike the code, you can also download from here by typing the movie name.



6. Features

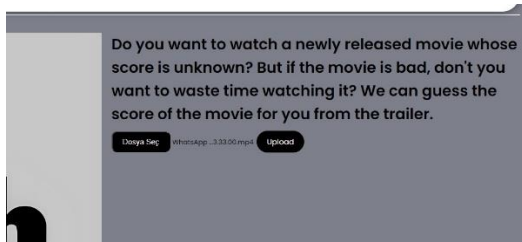
6.1 Uploading & Detecting

On the dashboard, navigate to the "Detector" page from the menu or navigation bar. Click the "File Selection" button, select the movie file in ".mp4" format, from your computer. This process uploads your selection into the system.



6.2 Prediction

Upload the movie you chose to the website by clicking the "Upload" or "Download" button. Once the installation is complete, review the information provided by the website. There will be prediction results, movie score or similar details. You can check, compare or use them.



7. Troubleshooting

7.1 Common Issues

Check your internet connection.

Ensure your system meets the minimum requirements.

7.2 FAQ

- Why my page is not loading?

+ Please check your Internet connection. Make sure that your device is connected to Internet.

- Why the system is not working properly?

+ Check your system requirements & compare them with the minimum requirements. If this is not the case, then simply check the libraries that referred in the "Installation" section are completely installed.

- Why can't I get proper results?

+ Consider restrictions such as file size and type. The system may support certain file types and sizes.

- Why am I getting my results lately?

+ Processing time may vary depending on the size of the user's file. Please be patient.

8. Technical Support

8.1 Contact Informations

You can get in touch with our development team via e-mail or something else.

8.2 Community

Join our community to connect & get in touch with other users.