Final Project Documentation
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Presentation Link : https://youtu.be/43ieUdCO8A4

Prerequisites

In order to run this project, you will need python and node/npm installed on your machine. Python for running the server and training the model, and npm for running the UI written in JavaScript/React.

- Python
- Node/npm

Also, you will need to clone my project from GitHub here

Step One: Training the Model (optional)

Prerequisites

1. You will need to install the following python dependencies using pip
   - sklearn
   - nltk
   - joblib
   - "pip install *'package-name'*"

This step is optional since I've included the trained model in my project branch. First, I've provided the data with a link to google drive, since the file was too big to add to GitHub. You can find the data here . Once downloaded, unzip the compressed file, and place it in the project folder at the root level.

You can run the jupyter notebook to train the model by opening it in VSCode and clicking "Run All" at the top of the window.

Step Two: Running the Flask Server

Prerequisites

2. You will need to install the following python dependencies using pip

o flask
o nltk
o flask_cors

In a terminal, navigate to the root folder of the project code. Run this command:
"export FLASK_APP=server.py"

Now that the variable is set, you can run the app by running this command:
"flask run"

You should see a message in the console like this which tells you which port the server is running on:

```
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
```

Step Three: Running the UI

Prerequisites
1.) To install the dependencies for the UI, open another terminal separate from the server, and navigate to the project root branch.
2.) Navigate to the ui project by running this command:
   i. "cd videogame-classifier-ui"
3.) Run this command to install all required dependencies:
   i. "npm install"

Now, you can run the UI locally by running this command:
   i. "npm start"

Your browser should automatically open a page to the UI once it is ready. From here, you can type in your own reviews to classify.