

API Features

Machine learning features:

- Predict rating of a game given sales number, year, and region for those sales numbers (Neural network)
- Predict sales of a game given a critic rating, year and region (Neural network)

Statistics features :

- Returns the percentage of the GDP that the video game sales were
- Group by categories: year, publisher, genre, platform, developer and return the average or sum of sales and rating
- Add a video game to the dataset
- Remove a video game from the dataset
- Get a specific video game
- Get descriptive statistics about video game sales

Admin Functions:

- Create an API key that belongs to the logged in user
- Delete an API key
- Get all API keys for logged in user
- Create a new user
- Login with an existing user (get bearer token for a user)

Analytics

- Get aggregated API usage information for the logged in user
 - Count API requests per endpoint
 - Count total API requests

Client

- Get the client website