Newzoo Data Analyst Assessment

Description

At Newzoo, we collect and expose a wide variety of data from different data sources. We built scrapers to collect data from those different data sources and we schedule these scrapers to run periodically.

Your task is to build a scraper that collects metadata for a set of games from the Epic Games Store website. The games that you need to collect metadata for are in the attached csv file under Game slug.

We want you to select the games that are characterized as ACTION and show the games from the highest to the lowest score based on Epic Games rating. Store the file locally in a file format of your choice (CSV, TEXT, JSON etc.). Build the code in a way that it should be easy for us to run and replicate.

Information about the Epic Games Store API endpoint can be found on the next page.

**Hint**: The metadata that you need to find to characterize a game as ACTION can be found in the response payload from the request you sent to the Epic Games Store API. You need to find and extract the tags.

Acceptance Criteria

* The scraper should be written in Python.
* Your scraper should collect data and extract the necessary metadata, combine that data with the provided csv file, select the correct games and rank the games by Epic Games rating from high to low. Resulting data files do not need to be included in your deliverable.

Please do not spend more than a few hours on this assignment. The reality of deadlines means that we may not be able to implement everything at times, and what we choose to leave out is just as interesting as what we decide to implement.

Good luck!

Epic Games Store endpoint

Epic Games Store website has a lot of games and associated metadata. The endpoint you will need to request is:

https://store-content-ipv4.ak.epicgames.com/api/en-US/content/products/<game\_slug>

<game\_slug> is the slug of a game in the Epic Games Store ecosystem. An example slug is red-dead-redemption-2 and all slugs can be found in the provided csv.