Here is a step-by-step description of the project based on the Python code:

1. **Import required libraries like BeautifulSoup, Requests, CSV**
2. **Define headers to send with web requests**
3. **Loop through multiple pages on the Metacritic movie section to extract the top 500 movies**
4. **For each movie container div, extract name, cast details URL, genre, etc using BeautifulSoup**
5. **Define functions to:**

* Get the movie name
* Get full cast by requesting to cast the detail page
* Get the principal cast from the cast table
* Get a genre list

1. **Create Movie and AllMovies classes to store movie objects**
2. **Loop through 500 movies, and extract details using the above functions**
3. **Create a Movie object and add it to AllMovies container**
4. **Export AllMovies data to a CSV file**
5. **Provide interactive menu to:**

* Search for the movie to get cast and genre
* Search actor to get their movies and genre summary
* Compare genres between two actors

1. **For actor comparison:**

* Extract movies and genres for each
* Calculate genre frequency vectors
* Compute cosine similarity between vectors

**Overall this implemented:**

* Web scraping using Requests and BeautifulSoup
* OOPs with custom classes
* Text processing for casting data
* Dictionaries and lists to store movie data
* Vector similarity to compare actors

**The core workflow was:**

* Data gathering
* Data storage
* Interface for querying data
* Analysis like genre similarity