

Final project Description

The provided code is a Python script designed to retrieve scores and game information for various sports leagues using the ESPN API. It defines a class called "Scores" that serves as a base class for different league-specific classes such as "NBA," "PremierLeague," "LaLiga," and others. Each league class inherits from the "Scores" class and implements its specific logic for retrieving scores.

The script reads a file called "league_urls.txt," which contains the URLs for different league scoreboards, and creates instances of the league classes based on the URLs. It then retrieves the scores and game information for each league by making requests to the respective API endpoints. The retrieved data is processed and stored in a structured format.

The main function of the script iterates over the league instances, retrieves the scores using the "get_scores" method, and displays the scores in a tabular format using the pandas library. Additionally, it exports the scores data to CSV files named after the respective leagues.

The script provides a modular and extensible approach to retrieve and display scores for various leagues. It demonstrates the use of object-oriented programming and API integration to gather sports data, making it a useful tool for retrieving and analyzing scores in a programmatic manner.