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Professor Bills

INST326 - 0101

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INST326 Paper

Explanation of each file within the repository:

Nba_top_75.csv:(Yaseen) The excel sheet data frame of the TOP 75 players

Nbaplayeraward.py: This file contains the entire program with the main class, Database, which uses the other files within the repository to run the code.

Nbaplayerawards.txt: This file contains the 75th-anniversary team and different accolades they've won, ranging from MVPs, DPOYs, Championships, FMVPs, and Scoring Titles.

Top 75 - Sheet1.csv: This excel file contains much more information on the top 75-anniversary list with having them all adding up to an average.

team_Y_favorite_players.py: This file is filled with f-strings that display Team Y's favorite players from the 75th Anniversary List.

Instructions on how to run your program from the command line:

When accessing the files from the repository, the user should be able to run the code from the command line by simply putting "python nbaplayeraward.py." (*python3* for Mac users). After the user has run the code, it should allow them to go through our program by answering the prompted questions, allowing them to see several different methods presented.

Instructions on how to use your program and interpret the output of the program:

Going through the program will result in several questions for the user, allowing them to see many different options. The user is simply going through a “journey” with the 75th anniversary NBA team and possibly finding their favorite player.

Attribution for each function/method:

def __init__: Orlando Aguilar

def playerstats(self, name): Orlando Aguilar

def compare(self, name1, name2): Orlando Aguilar

def panda_method(self, path): Yaseen Muhammad

def graph_method(self, path): Yaseen Muhammad

def has_accolades(self, path): Emerson Kelley

def team_y_favorite(self, path): Mohamed Barrie

def main(): Orlando Aguilar, Yaseen Muhammad

References

(1) “Basketball Statistics and History.” *Basketball-Reference.Com*,
<https://www.basketball-reference.com>. Accessed 16 May 2022.

(2) “75th anniversary Team.” *NBA's 75 Anniversary Team Players | NBA.com*,
www.nba.com/75/team.

1. We used the first source to create the textfiles and the databases because we manually inserted the different accolades for each of the players within the 75th Anniversary Team.

2. We used this list to find which players were actually on the 75th Anniversary Team directly from the NBA.com website.

