

In [1]: # Import necessary libraries

df.head()

0

2

3

In [15]: # Top Scorers

Unnamed: 0

5 rows × 22 columns

NumTopScorers = 10

top scorers names

df.head(11)

2

Unnamed: 0

Out[25]:

Out[4]:

In [2]: # Read the CSV file into a DataFrame

df = pd.read csv("all seasons.csv")

In [3]: # Rename selected columns for better readability

In [4]: # Display the first few rows of the DataFrame

import pandas as pd # Pandas for data manipulation

import matplotlib.pyplot as plt # Matplotlib for basic plotting
import seaborn as sns # Seaborn for statistical data visualization

name team age height

0 Randy Livingston HOU 22.0 193.04 94.800728

3 George McCloud LAL 30.0 203.20 102.058200

George Lynch VAN 26.0 203.20 103.418976

George Zidek DEN 23.0 213.36 119.748288

Out[15]: Index(['LeBron James', 'Kobe Bryant', 'Dirk Nowitzki', 'Carmelo Anthony',

name team age height

Randy Livingston HOU 22.0 193.04 94.800728

3 George McCloud LAL 30.0 203.20 102.058200

George Lynch VAN 26.0 203.20 103.418976

George Zidek DEN 23.0 213.36 119.748288

'Kevin Garnett', 'James Harden'],

dtype='object', name='name')

In [25]: # Display the first 10 rows of data

'Kevin Durant', 'Tim Duncan', 'Paul Pierce', 'Vince Carter',

1 Gaylon Nickerson WAS 28.0 190.50 86.182480 Northwestern Oklahoma

df.rename(columns = {'player_name':'name', 'team_abbreviation':'team', 'player_height':'height', 'player_weight':'weight',

Louisiana State

North Carolina

Florida State

UCLA

Louisiana State

North Carolina

Florida State

UCLA

USA

1996

1994

1993

1989

1995

1996

1994

1993

1989

1995

college country draft_year draft_round ... avg_pts avg_reb avg_ast net_rating oreb_pct dreb_pct usg_pct ts_pct ast_pct season

2.4

0.3

1.9

1.7

0.3

0.3

8.9

-8.2

-2.7

-14.1

0.248 1996-97 249 96 153

0.174 0.497 0.043 1996-97 15 5 1

0.195 0.500 0.064 1996-97 145 88 15

0.042

0.030

0.106

0.027

0.102

0.071

0.111

0.185

0.111

0.169

pts reb ast total_pts total_reb total_ast

249

15

340

652

145

96

262

179

88

153

77

108

15

0.169 0.487 0.248 1996-97

0.175 0.512 0.125 1996-97

0.195 0.500 0.064 1996-97

0.043 1996-97

0.125 1996-97

0.174 0.497

0.206 0.527

1.5

1.3

6.4

2.8

1.7

0.169 0.487

3.9

3.8

8.3

10.2

2.8

college country draft_year draft_round ... usg_pct ts_pct ast_pct season

'pts':'avg pts', 'reb':'avg reb', 'ast':'avg ast'}, inplace = True)

weight

top_scorers_names = df.groupby(['name'])['pts'].sum().sort_values(ascending=False).index[:NumTopScorers]

weight

1 Gaylon Nickerson WAS 28.0 190.50 86.182480 Northwestern Oklahoma