1. Nba 2021 2022 season activeplayers pandas basics

```
import numpy as np
import pandas as pd
```

Reading of dataset

```
df = pd.read_csv("data/players.csv")
```

Les 10 premières données

```
result = df.head(10)
print(result)
```

	Position		Team	Age	Height	Height_i
Weight \ 0 Juhann Begarin	SG	Boston	Celtics	19	6' 5"	6.50
185		Booton	0010100			
1 Jaylen Brown 223	SG	Boston	Celtics	24	6' 6"	6.60
2 Kris Dunn	PG	Boston	Celtics	27	6' 3"	6.30
205						
3 Carsen Edwards 200	PG	Boston	Celtics	23	5' 11"	5.11
4 Tacko Fall	С	Boston	Celtics	25	7' 5"	7.50
311 5 Bruno Fernando	_	Roston	Caltics	23	6' 9"	6.90
240	'	DOSCOII	OCILICS	20	0 3	0.30
6 Al Horford 240	С	Boston	Celtics	35	6' 9"	6.90
7 Enes Kanter	С	Boston	Celtics	29	6' 10"	6.10
250		5 .	0.14.	0.0	71 011	7.00
8 Luke Kornet 250	C	Boston	Celtics	26	7' 2"	7.20
9 Romeo Langford	SG	Boston	Celtics	21	6' 4"	6.40
216						
College	Salary	Points	Rebounds	Ass	ists	
0 NaN	NaN	NaN	NaN		NaN	
1 California 26	758928.0	24.7	6.0		3.4	
2 Providence 50	005350.0	1.3	1.5		0.5	
3 Purdue 1	782621.0	4.0	0.8		0.5	
4 UCF	NaN	2.5	2.7		0.2	

5	Maryland	1782621.0	1.5	2.4	0.3
6	Florida	27000000.0	14.2	6.7	3.4
7	Kentucky	1669178.0	11.2	11.0	1.2
8	Vanderbilt	NaN	3.4	2.2	0.8
9	Indiana	3804360.0	3.1	1.9	0.7

How many rows are in this dataset?

```
result = len(df.index)
print(result)
```

Average Salary

```
result = df["Salary"].mean()
print(result)
```

```
KeyError
                                          Traceback (most recent call
last)
~/.local/lib/python3.9/site-packages/pandas/core/indexes/base.py in
get_loc(self, key, method, tolerance)
  3620
                    try:
-> 3621
                        return self._engine.get_loc(casted_key)
  3622
                    except KeyError as err:
~/.local/lib/python3.9/site-packages/pandas/_libs/index.pyx in
pandas._libs.index.IndexEngine.get_loc()
~/.local/lib/python3.9/site-packages/pandas/_libs/index.pyx in
pandas._libs.index.IndexEngine.get_loc()
pandas/_libs/hashtable_class_helper.pxi in
pandas._libs.hashtable.PyObjectHashTable.get_item()
pandas/_libs/hashtable_class_helper.pxi in
pandas._libs.hashtable.PyObjectHashTable.get_item()
KeyError: 'Salary'
```

```
The above exception was the direct cause of the following exception:
KeyError
                                          Traceback (most recent call
last)
/tmp/ipykernel_28193/1186721733.py in <module>
----> 1 result = df["Salary"]
      2 print(result)
~/.local/lib/python3.9/site-packages/pandas/core/frame.py in
__getitem__(self, key)
   3503
                   if self.columns.nlevels > 1:
  3504
                        return self._getitem_multilevel(key)
-> 3505
                  indexer = self.columns.get_loc(key)
  3506
                   if is_integer(indexer):
   3507
                       indexer = [indexer]
~/.local/lib/python3.9/site-packages/pandas/core/indexes/base.py in
get_loc(self, key, method, tolerance)
                       return self._engine.get_loc(casted_key)
  3621
  3622
                  except KeyError as err:
-> 3623
                       raise KeyError(key) from err
                  except TypeError:
  3624
  3625
                       # If we have a listlike key,
_check_indexing_error will raise
KeyError: 'Salary'
```

Name of the Player who has Maximum salary

```
result = df[df["Salary"].max() == df["Salary"]]["Name"].iloc[0]
print(result)
```

```
~/.local/lib/python3.9/site-packages/pandas/_libs/index.pyx in
pandas._libs.index.IndexEngine.get_loc()
pandas/_libs/hashtable_class_helper.pxi in
pandas._libs.hashtable.PyObjectHashTable.get_item()
pandas/_libs/hashtable_class_helper.pxi in
pandas._libs.hashtable.PyObjectHashTable.get_item()
KeyError: 'Salary'
The above exception was the direct cause of the following exception:
KeyError
                                          Traceback (most recent call
last)
/tmp/ipykernel_28193/2930255266.py in <module>
----> 1 result = df[df["Salary"].max() == df["Salary"]]["Name"].iloc[0]
      2 print(result)
~/.local/lib/python3.9/site-packages/pandas/core/frame.py in
__getitem__(self, key)
  3503
                   if self.columns.nlevels > 1:
   3504
                        return self._getitem_multilevel(key)
-> 3505
                   indexer = self.columns.get_loc(key)
  3506
                   if is_integer(indexer):
   3507
                        indexer = [indexer]
~/.local/lib/python3.9/site-packages/pandas/core/indexes/base.py in
get_loc(self, key, method, tolerance)
                        return self._engine.get_loc(casted_key)
  3621
   3622
                    except KeyError as err:
-> 3623
                        raise KeyError(key) from err
   3624
                    except TypeError:
   3625
                        # If we have a listlike key,
_check_indexing_error will raise
KeyError: 'Salary'
```

Which position Kemba Walker does play?

```
result = df[df["Name"] == "Kemba Walker"]["Position"].iloc[0]
print(result)
```

Find average salary and age for positions by grouping players by position

```
position_mean = df.groupby(["Position"]).mean()
result = position_mean[["Salary","Age"]]
result = result.round(2)
print(result)
```

How many different positions are in the dataset

```
result = df["Position"].nunique()
print(result)
```

Calculate how many players are in each position

```
result = df["Position"].value_counts()
print(result)
```

Calculate how many people play on each team

```
result = df["Team"].value_counts()
print(result)
```

#Find players with "and" in their name

#----- Option1-----

```
df = df.dropna()
result = df[df["Name"].str.contains("and")]
print(result)
```

----- Option2-----

```
def str_find(name):
    if"and" in name.lower():
        return True
    return False

df.dropna(inplace=True)
result = df[df["Name"].apply(str_find)]
print(result)
```

Sorting players by age from smallest to largest, but by score from largest to smallest

Sorting players who has max points in his peer

```
df.dropna(inplace=True)
result = df.drop(df.columns[[1,4,5,6,7,8]], axis=1, inplace=True)
result = df.sort_values(by=["Age", "Points"], ascending=[True, False])
result = result.drop_duplicates(subset=["Age"])
print(result)
```

Name Team Age Points Rebounds Assists \ 489 Anthony Edwards Minnesota Timberwolves 20 19.3 4.7 2.9 449 Zion Williamson New Orleans Pelicans 21 27.0 7.2 3.7 206 Trae Young Atlanta Hawks 22 25.3 3.9 9.4 16 Jayson Tatum Boston Celtics 23 26.4 7.4 4.3 338 Devin Booker Phoenix Suns 24 25.6 4.2 4.3 552 Donovan Mitchell Utah Jazz 25 26.4 4.4 5.2 213 Zach LaVine Chicago Bulls 26 27.4 5.0 4.9 4.9 Joel Embiid Philadelphia Sixers 27 28.5 10.6 2.8 267 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8
Anthony Edwards Minnesota Timberwolves 20 19.3 4.7 2.9 449 Zion Williamson New Orleans Pelicans 21 27.0 7.2 3.7 206 Trae Young Atlanta Hawks 22 25.3 3.9 9.4 16 Jayson Tatum Boston Celtics 23 26.4 7.4 4.3 338 Devin Booker Phoenix Suns 24 25.6 4.2 4.3 552 Donovan Mitchell Utah Jazz 25 26.4 4.4 5.2 113 Zach LaVine Chicago Bulls 26 27.4 5.0 4.9 69 Joel Embiid Philadelphia Sixers 27 28.5 10.6 2.8 267 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
2.9 449 Zion Williamson New Orleans Pelicans 21 27.0 7.2 3.7 206 Trae Young Atlanta Hawks 22 25.3 3.9 9.4 16 Jayson Tatum Boston Celtics 23 26.4 7.4 4.3 338 Devin Booker Phoenix Suns 24 25.6 4.2 4.3 552 Donovan Mitchell Utah Jazz 25 26.4 4.4 5.2 113 Zach LaVine Chicago Bulls 26 27.4 5.0 4.9 69 Joel Embiid Philadelphia Sixers 27 28.5 10.6 2.8 267 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
449 Zion Williamson New Orleans Pelicans 21 27.0 7.2 3.7 206 Trae Young Atlanta Hawks 22 25.3 3.9 9.4 16 Jayson Tatum Boston Celtics 23 26.4 7.4 4.3 338 Devin Booker Phoenix Suns 24 25.6 4.2 4.3 552 Donovan Mitchell Utah Jazz 25 26.4 4.4 5.2 113 Zach LaVine Chicago Bulls 26 27.4 5.0 4.9 4.9 Folioago Bulls 26 27.4 5.0 4.9 Joel Embiid Philadelphia Sixers 27 28.5 10.6 2.8 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 Exevin Duran
3.7 206 Trae Young Atlanta Hawks 22 25.3 3.9 9.4 16 Jayson Tatum Boston Celtics 23 26.4 7.4 4.3 338 Devin Booker Phoenix Suns 24 25.6 4.2 4.3 552 Donovan Mitchell Utah Jazz 25 26.4 4.4 5.2 113 Zach LaVine Chicago Bulls 26 27.4 5.0 4.9 69 Joel Embiid Philadelphia Sixers 27 28.5 10.6 2.8 267 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
9.4 16
16 Jayson Tatum Boston Celtics 23 26.4 7.4 4.3 338 Devin Booker Phoenix Suns 24 25.6 4.2 4.3 552 Donovan Mitchell Utah Jazz 25 26.4 4.4 5.2 113 Zach LaVine Chicago Bulls 26 27.4 5.0 4.9 69 Joel Embiid Philadelphia Sixers 27 28.5 10.6 2.8 267 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
4.3 338 Devin Booker Phoenix Suns 24 25.6 4.2 4.3 Stephen Curry Golden State Warriors 24 25.6 4.2 4.3 Joel Embil Utah Jazz 25 26.4 4.4 5.2 The state of the state warriors 25 26.4 4.4 5.2 The state of the state warriors 25 26.4 4.4 5.2 The state of the state warriors 26 27.4 5.0 4.9 The state of the state warriors 27 28.5 10.6 2.8 The state of the state warriors 27 28.5 10.6 2.8 The state of the state warriors 28 31.3 4.7 4.4 The state of the state warriors 28 31.3 4.7 4.4 The state of the state warriors 29 26.9 4.8 6.5 The state of the state warriors 31 28.8 4.2 4.2 The state of the state warriors 32 26.9 7.1 5.6 The state of the state warriors 33 32.0
338 Devin Booker Phoenix Suns 24 25.6 4.2 4.3 552 Donovan Mitchell Utah Jazz 25 26.4 4.4 5.2 113 Zach LaVine Chicago Bulls 26 27.4 5.0 4.9 69 Joel Embiid Philadelphia Sixers 27 28.5 10.6 2.8 267 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
552 Donovan Mitchell Utah Jazz 25 26.4 4.4 5.2 113 Zach LaVine Chicago Bulls 26 27.4 5.0 4.9 69 Joel Embiid Philadelphia Sixers 27 28.5 10.6 2.8 267 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
5.2 113 Zach LaVine Chicago Bulls 26 27.4 5.0 4.9 69 Joel Embiid Philadelphia Sixers 27 28.5 10.6 2.8 267 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
113 Zach LaVine Chicago Bulls 26 27.4 5.0 4.9 69 Joel Embiid Philadelphia Sixers 27 28.5 10.6 2.8 267 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
4.9 69
69 Joel Embiid Philadelphia Sixers 27 28.5 10.6 2.8 267 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
267 Bradley Beal Washington Wizards 28 31.3 4.7 4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
4.4 31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
31 Kyrie Irving Brooklyn Nets 29 26.9 4.8 6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
6.0 313 Kawhi Leonard Los Angeles Clippers 30 24.8 6.5 5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
5.2 529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
529 Damian Lillard Portland Trail Blazers 31 28.8 4.2 7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
7.5 25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
25 Kevin Durant Brooklyn Nets 32 26.9 7.1 5.6 287 Stephen Curry Golden State Warriors 33 32.0 5.5
Stephen Curry Golden State Warriors 33 32.0 5.5
F 0
5.8 70 Danny Green Philadelphia Sixers 34 9.5 3.8
1.7
234 Kyle Lowry Miami Heat 35 17.2 5.4
7.3
348 Chris Paul Phoenix Suns 36 16.4 4.5 8.9
322 Carmelo Anthony Los Angeles Lakers 37 13.4 3.1
1.5
232 Udonis Haslem Miami Heat 41 4.0 1.0
0.0
total_P+A
489 22.2
449 30.7
206 34.7
16 30.7
338 29.9

```
552 31.6
       32.3
113
69
       31.3
267
       35.7
31
       32.9
       30.0
313
       36.3
529
25
       32.5
       37.8
287
70
       11.2
       24.5
234
348
       25.3
       14.9
322
        4.0
232
```

Ranking of players who are SG and whose score is higher than 20, in descending order of points

```
# I work on Anaconda as Interpreter
"""
result = df.query('Position == "SG" and Points > 20 or Position == "SG"
and Assists > 5')
result = result.sort_values(by='Points', ascending=False)
print(result)
"""
```

nlargest and nsmallest functions

```
result = df.nlargest(5,'Points')
result = df.nsmallest(5,"Rebounds")
"""
```

Conditional Filtering

```
result = df[(df["Position"] == "SG") | (df["Points"] > 9)].drop(columns=
["Age","Height","College","Salary"]).dropna()
print(result)
```

	Name Po	sition	Team	Height_i	Weight	Points
\						
1	Jaylen Brown	SG	Boston Celtics	6.6	223	24.7
6	Al Horford	С	Boston Celtics	6.9	240	14.2
7	Enes Kanter	С	Boston Celtics	6.1	250	11.2
9	Romeo Langford	SG	Boston Celtics	6.4	216	3.1
13	Josh Richardson	SG	Boston Celtics	6.5	200	12.1
547	Rudy Gay	SF	Utah Jazz	6.8	250	11.4
548	Rudy Gobert	С	Utah Jazz	7.1	258	14.3

551	Joe	Ingles	SG	Utah Jazz	6.8	220	12.1
552	Donovan M	•	SG	Utah Jazz	6.1	215	26.4
556	Eric P	aschall	F	Utah Jazz	6.6	255	9.5
	Rebounds	Assists	total_P+A				
1	6.0	3.4	28.1				
6	6.7	3.4	17.6				
7	11.0	1.2	12.4				
9	1.9	0.7	3.8				
13	3.3	2.6	14.7				
547	4.8	1.4	12.8				
548	13.5	1.3	15.6				
551	3.6	4.7	16.8				
552	4.4	5.2	31.6				
556	3.2	1.3	10.8				
[260	rows x 9	columns]					

describe method

```
result = df["Points"].describe()
print(result)
```

Summation of indexes in different columns and sorting

```
df['total_P+A'] = df[['Points', 'Assists']].sum(axis=1)
df_1 = df.sort_values('total_P+A', ascending=False).dropna().head(20)

df_1['total_P+A+R'] = df_1[['total_P+A', 'Rebounds']].sum(axis=1)
df_2 = df_1.sort_values('total_P+A+R', ascending=False).dropna().head(20)

df_2 = df_2.drop(columns=
["Height", "Height_i", "Weight", "College", "Salary", "Position"])
df_1 = df_1.drop(columns=
["Height", "Height_i", "Weight", "College", "Salary", "Position", "total_P+A+R"]

print(df_1)
print(df_2)
```

Dala sunda	Name	Team	Age	Points
Rebounds \ 287	Stephen Curry	Golden State Warriors	33	32.0
5.5 529	Damian Lillard	Portland Trail Blazers	31	28.8
4.2 267	Bradley Beal	Washington Wizards	28	31.3
4.7 29	James Harden	Brooklyn Nets	32	24.6
7.9		,		

206		Trae Young	Atlanta Hawks	22	25.3	
3.9	Du	uncall Wasthwask	Loo Angoloo Lokowa	22	22. 2	
336 11.5	RU	ıssell Westbrook	Los Angeles Lakers	32	22.2	
31		Kyrie Irving	Brooklyn Nets	29	26.9	
4.8		Ryric ir ving	Brooklyn Nees	25	2013	
25		Kevin Durant	Brooklyn Nets	32	26.9	
7.1			•			
357		De'Aaron Fox	Sacremento Kings	23	25.2	
3.5						
113		Zach LaVine	Chicago Bulls	26	27.4	
5.0 552	Г	onovan Mitchell	Utah Jazz	25	26.4	
4.4	L	onovan nitcheil	Otan Jazz	23	20.4	
69		Joel Embiid	Philadelphia Sixers	27	28.5	
10.6			·			
16		Jayson Tatum	Boston Celtics	23	26.4	
7.4						
449		Zion Williamson	New Orleans Pelicans	21	27.0	
7.2 58		Julius Randle	New York Knicks	26	24.1	
10.2		Julius Nahule	New TOTA KITCKS	20	24.1	
313		Kawhi Leonard	Los Angeles Clippers	30	24.8	
6.5			-			
338		Devin Booker	Phoenix Suns	24	25.6	
4.2						
508 4.7	Shai Gil	geous-Alexander	Oklahoma City Thunder	23	23.7	
4.7	Kar	l-Anthony Towns	Minnesota Timberwolves	25	24.8	
10.6		_ /				
129		Collin Sexton	Cleveland Cavaliers	22	24.3	
3.1						
		t.t.1 D.A				
207		total_P+A				
287 529	5.8 7.5	37.8 36.3				
267	4.4	35.7				
29	10.8	35.4				
206	9.4	34.7				
336	11.7	33.9				
31	6.0	32.9				
25	5.6	32.5				
357 113	7.2 4.9	32.4 32.3				
552	5.2	31.6				
69	2.8	31.3				
16	4.3	30.7				
449	3.7	30.7				
58	6.0	30.1				
313	5.2	30.0				
338 508	4.3 5.9	29.9 29.6				
499	4.5	29.3				
129	4.4	28.7				

					_			
Rebou	nds \	N	ame		Team	Age	Points	
336		ıssell Westbr	ook	Los Ang	eles Lakers	32	22.2	
11.5	T(G	ISSCIT WESTER	OOK	LOS Alig	cics Lakers	02	22.2	
29		James Har	den	Br	ooklyn Nets	32	24.6	
7.9					•			
287		Stephen Cu	rry	Golden Sta	te Warriors	33	32.0	
5.5								
69		Joel Emb	11d	Philadel	phia Sixers	27	28.5	
10.6 529		Damian Lill	ard	Portland Tr	ail Blazers	31	28.8	
4.2		Damian Liii	aru	TOTELANG IT	dii bidzers	31	20.0	
267		Bradley B	eal	Washing	ton Wizards	28	31.3	
4.7				J				
58		Julius Ran	dle	New	York Knicks	26	24.1	
10.2								
499	Kar	l-Anthony To	wns	Minnesota T	ımberwolves	25	24.8	
10.6 25		Kevin Dur	ant	Rr	ooklyn Nets	32	26.9	
7.1		KCVIII Dui	arre	ы	OOKIYII NCCS	32	20.3	
206		Trae Yo	ung	At	lanta Hawks	22	25.3	
3.9			_					
16		Jayson Ta	tum	Bos	ton Celtics	23	26.4	
7.4								
449		Zion William	son	New Orlea	ns Pelicans	21	27.0	
7.2 31		Kyrie Irv	ina	Br	ooklyn Nets	29	26.9	
4.8		Kyrie irv	Tilg	ы	OOKIYII NECS	23	20.9	
113		Zach LaV	ine	Ch	icago Bulls	26	27.4	
5.0								
313		Kawhi Leon	ard	Los Angel	es Clippers	30	24.8	
6.5	_							
552	D	onovan Mitch	eTT		Utah Jazz	25	26.4	
4.4 357		De'Aaron	Eov	Sacro	mento Kings	23	25.2	
3.5		DC AUTOII	IOX	34616	merreo Rings	20	2012	
	Shai Gil	geous-Alexan	der	Oklahoma C	ity Thunder	23	23.7	
4.7								
338		Devin Boo	ker	Р	hoenix Suns	24	25.6	
4.2		0-11:	4.	63	1.0 1.1	0.5	0.4.0	
129		Collin Sex	ton	Clevelan	d Cavaliers	22	24.3	
3.1								
	Assists	total_P+A	tota	l_P+A+R				
336	11.7	33.9		45.4				
29	10.8	35.4		43.3				
287	5.8	37.8		43.3				
69 530	2.8	31.3		41.9				
529 267	7.5 4.4	36.3 35.7		40.5 40.4				
58	6.0	30.1		40.4				
499	4.5	29.3		39.9				
25	5.6	32.5		39.6				
206	9.4	34.7		38.6				

16	4.3	30.7	38.1		
449	3.7	30.7	37.9		
31	6.0	32.9	37.7		
113	4.9	32.3	37.3		
313	5.2	30.0	36.5		
552	5.2	31.6	36.0		
357	7.2	32.4	35.9		
508	5.9	29.6	34.3		
338	4.3	29.9	34.1		
129	4.4	28.7	31.8		