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Topic : Web Scraping with Python Using BeautifulSoup

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How Does Web Scraping Work?

When we scrape the web, we write code that sends a request to the server that's hosting the page we specified. Generally, our code downloads that page's source code, just as a browser would. But instead of displaying the page visually, it filters through the page looking for HTML elements we've specified, and extracting whatever content we've instructed it to extract.

For example, if we wanted to get all of the titles inside H2 tags from a website, we could write some code to do that. Our code would request the site's content from its server and download it. Then it would go through the page's HTML looking for the H2 tags. Whenever it found an H2 tag, it would copy whatever text is inside the tag, and output it in whatever format we specified.

The Components of a Web Page

HTML — contain the main content of the page.

CSS — add styling to make the page look nicer.

JS — Javascript files add interactivity to web pages.

Images — image formats, such as JPG and PNG allow web pages to show pictures.

Import Libraries

In [2]:

```python
import numpy as np
import pandas as pd
from requests import get
```

In [87]:

```python
import bs4 as bs
import urllib.request
```

Add URL From Which Data Scrap

In [88]:

```python
src = urllib.request.urlopen('https://www.nytimes.com/').read()
```

In [89]:

```python
bsoup = bs.BeautifulSoup(src, 'lxml')
```

In [1]:

```python
#print(bsoup)
```

In [92]:

```python
### .text shows only text from the particular class
print(bsoup.title.text)
```

The New York Times - Breaking News, World News & Multimedia

```
for link in bsoup.find_all('a'):
    print(link.get('href'))
```

```
#site-content
#site-index
/
/
https://www.nytimes.com/es/
https://cn.nytimes.com
https://www.nytimes.com/subscription/multiproduct/lp8HYKU.html?campaignId=6W74R
https://myaccount.nytimes.com/auth/login?response_type=cookie&client_id=vi
https://myaccount.nytimes.com/auth/login?response_type=cookie&client_id=vi
https://www.nytimes.com/section/todayspaper
/
/
https://www.nytimes.com/pages/world/index.html
https://www.nytimes.com/pages/national/index.html
https://www.nytimes.com/pages/politics/index.html
https://www.nytimes.com/pages/nyregion/index.html
https://www.nytimes.com/pages/business/index.html
https://www.nytimes.com/pages/opinion/index.html
https://www.nytimes.com/pages/technology/index.html
https://www.nytimes.com/section/science
https://www.nytimes.com/pages/health/index.html
https://www.nytimes.com/pages/sports/index.html
https://www.nytimes.com/pages/arts/index.html
https://www.nytimes.com/section/books
https://www.nytimes.com/section/style
https://www.nytimes.com/pages/dining/index.html
https://www.nytimes.com/section/travel
https://www.nytimes.com/pages/magazine/index.html
https://www.nytimes.com/section/t-magazine
https://www.nytimes.com/section/realestate
https://www.nytimes.com/video
https://www.nytimes.com/pages/world/index.html
https://www.nytimes.com/pages/national/index.html
https://www.nytimes.com/pages/politics/index.html
https://www.nytimes.com/pages/nyregion/index.html
https://www.nytimes.com/pages/business/index.html
https://www.nytimes.com/pages/opinion/index.html
https://www.nytimes.com/pages/technology/index.html
https://www.nytimes.com/section/science
https://www.nytimes.com/pages/health/index.html
https://www.nytimes.com/pages/sports/index.html
https://www.nytimes.com/pages/arts/index.html
https://www.nytimes.com/section/books
https://www.nytimes.com/section/style
https://www.nytimes.com/pages/dining/index.html
https://www.nytimes.com/section/travel
https://www.nytimes.com/pages/magazine/index.html
https://www.nytimes.com/section/t-magazine
https://www.nytimes.com/section/realestate
https://www.nytimes.com/video
/2019/04/19/briefing/mueller-report-notre-dame-royal-baby.html
/2019/04/19/briefing/mueller-report-notre-dame-royal-baby.html
/2019/04/19/podcasts/the-daily/robert-mueller-report-special-counsel-investigation.html
/2019/04/19/podcasts/the-daily/robert-mueller-report-special-counsel-investigation.html
/2019/04/18/us/mexico-border-deaths.html
/2019/04/18/us/mexico-border-deaths.html
/2019/04/19/us/politics/mueller-report-democrats-republicans.html
/2019/04/19/us/politics/sarah-sanders-mueller-report.html
/2019/04/19/us/the-mueller-report-voters-reactions.html
/2019/04/19/us/the-mueller-report-voters-reactions.html
/2019/04/19/us/the-mueller-report-voters-reactions.html#commentsContainer
/2019/04/19/us/the-mueller-report-voters-reactions.html
/2019/04/19/us/politics/justice-department-trump-attack-mueller.html
/2019/04/19/us/politics/justice-department-trump-attack-mueller.html
/2019/04/19/us/politics/steele-dossier-mueller-report.html
/2019/04/19/world/europe/notre-dame-fire-safety.html
/2019/04/19/world/europe/notre-dame-fire-safety.html
/2019/04/19/us/politics/buttigieg-black-police-chief-fired.html
/2019/04/19/us/politics/buttigieg-black-police-chief-fired.html
```

```
/2019/04/19/us/politics/buttigieg-black-police-chief-fired.html#commentsContainer
/2019/04/19/nyregion/cuomo-andy-byford-mta.html
/2019/04/19/nyregion/cuomo-andy-byford-mta.html
/2019/04/19/nyregion/cuomo-andy-byford-mta.html#commentsContainer
/2019/04/19/business/meghan-markle-royal-baby-betting.html
/2019/04/19/business/meghan-markle-royal-baby-betting.html
https://www.nytimes.com/section/opinion?pagetype=Homepage&action=click&module=Opinion
/2019/04/19/opinion/mueller-report-trump-russia.html
/2019/04/19/opinion/mueller-report-trump-russia.html
/2019/04/19/opinion/mueller-report-trump-barr-impeachment.html
/2019/04/19/opinion/mueller-report-trump-barr-impeachment.html#commentsContainer
/2019/04/19/opinion/mueller-report-donald-trump-2020.html
/2019/04/19/opinion/mueller-report-barr-trump-russian-disinformation.html
/2019/04/19/opinion/mueller-trump-russia-report.html
/2019/04/18/opinion/barr-media-trump.html
/2019/04/19/opinion/mueller-report-trump-don-mcgahn.html
/2019/04/19/opinion/mueller-report-trump-counterintelligence.html
/2019/04/18/opinion/mueller-report-corruption.html
/2019/04/18/opinion/bernie-sanders-tax.html
/2019/04/19/opinion/god-good-friday.html
/2019/04/18/well/mind/can-botox-and-cosmetic-surgery-chill-our-relationships-with-others.html
/2019/04/18/well/mind/can-botox-and-cosmetic-surgery-chill-our-relationships-with-others.html
/2019/04/18/well/mind/can-botox-and-cosmetic-surgery-chill-our-relationships-with-others.html
/2019/04/18/books/review/absent-hand-suzannah-lessard.html
/2019/04/18/books/review/absent-hand-suzannah-lessard.html
/2019/04/19/business/pregnancy-work.html
/2019/04/19/business/pregnancy-work.html
http://nyt.qualtrics.com/jfe/form/SV_eFJmKj9v0krSE0l
/
https://www.nytimes.com
https://www.nytimes.com/section/world
https://www.nytimes.com/section/us
https://www.nytimes.com/section/politics
https://www.nytimes.com/section/nyregion
https://www.nytimes.com/section/business
https://www.nytimes.com/section/technology
https://www.nytimes.com/section/science
https://www.nytimes.com/section/climate
https://www.nytimes.com/section/sports
https://www.nytimes.com/section/obituaries
https://www.nytimes.com/section/upshot
https://www.nytimes.com/section/todayspaper
https://www.nytimes.com/section/corrections
https://www.nytimes.com/section/opinion
https://www.nytimes.com/section/opinion/columnists
https://www.nytimes.com/section/opinion/editorials
https://www.nytimes.com/section/opinion/contributors
https://www.nytimes.com/section/opinion/letters
https://www.nytimes.com/section/opinion/sunday
https://www.nytimes.com/video/opinion
https://www.nytimes.com/section/arts
https://www.nytimes.com/section/arts/design
https://www.nytimes.com/section/books
https://www.nytimes.com/section/arts/dance
https://www.nytimes.com/section/movies
https://www.nytimes.com/section/arts/music
https://www.nytimes.com/spotlight/pop-culture
https://www.nytimes.com/section/arts/television
https://www.nytimes.com/section/theater
https://www.nytimes.com/watching
https://www.nytimes.com/video/arts
https://www.nytimes.com/section/automobiles
https://www.nytimes.com/crosswords
https://www.nytimes.com/section/food
https://cooking.nytimes.com/
https://www.nytimes.com/section/education
https://www.nytimes.com/section/style
https://www.nytimes.com/section/health
https://www.nytimes.com/section/jobs
https://www.nytimes.com/section/magazine
https://www.nytimes.com/section/realestate
https://www.nytimes.com/section/t-magazine
https://www.nytimes.com/section/travel
https://www.nytimes.com/section/fashion/weddings
https://www.nytimes.com/section/reader-center
https://thewirecutter.com
http://nytconferences.com/
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https://www.nytimes.com/section/learning
http://www.nytimes.com/marketing/tools-and-services
https://www.nytimes.com/events
https://www.nytimes.com/section/multimedia
https://www.nytimes.com/section/lens
https://www.nytimes.com/video
https://www.nytimes.com/newsletters
https://www.nytimes.com/store
https://www.nytimes.com/times-journeys
https://myaccount.nytimes.com/membercenter/myaccount.html
https://www.nytimes.com
https://www.nytimes.com/section/world
https://www.nytimes.com/section/us
https://www.nytimes.com/section/politics
https://www.nytimes.com/section/nyregion
https://www.nytimes.com/section/business
https://www.nytimes.com/section/technology
https://www.nytimes.com/section/science
https://www.nytimes.com/section/climate
https://www.nytimes.com/section/sports
https://www.nytimes.com/section/obituaries
https://www.nytimes.com/section/upshot
https://www.nytimes.com/section/todayspaper
https://www.nytimes.com/section/corrections
https://www.nytimes.com/section/opinion
https://www.nytimes.com/section/opinion/columnists
https://www.nytimes.com/section/opinion/editorials
https://www.nytimes.com/section/opinion/contributors
https://www.nytimes.com/section/opinion/letters
https://www.nytimes.com/section/opinion/sunday
https://www.nytimes.com/video/opinion
https://www.nytimes.com/section/arts
https://www.nytimes.com/section/arts/design
https://www.nytimes.com/section/books
https://www.nytimes.com/section/arts/dance
https://www.nytimes.com/section/movies
https://www.nytimes.com/section/arts/music
https://www.nytimes.com/spotlight/pop-culture
https://www.nytimes.com/section/arts/television
https://www.nytimes.com/section/theater
https://www.nytimes.com/watching
https://www.nytimes.com/video/arts
https://www.nytimes.com/section/automobiles
https://www.nytimes.com/crosswords
https://www.nytimes.com/section/food
https://cooking.nytimes.com/
https://www.nytimes.com/section/education
https://www.nytimes.com/section/style
https://www.nytimes.com/section/health
https://www.nytimes.com/section/jobs
https://www.nytimes.com/section/magazine
https://www.nytimes.com/section/realestate
https://www.nytimes.com/section/t-magazine
https://www.nytimes.com/section/travel
https://www.nytimes.com/section/fashion/weddings
https://www.nytimes.com/section/reader-center
https://thewirecutter.com
http://nytconferences.com/
https://www.nytimes.com/section/learning
http://www.nytimes.com/marketing/tools-and-services
https://www.nytimes.com/events
https://www.nytimes.com/section/multimedia
https://www.nytimes.com/section/lens
https://www.nytimes.com/video
https://www.nytimes.com/newsletters
https://www.nytimes.com/store
https://www.nytimes.com/times-journeys
https://myaccount.nytimes.com/membercenter/myaccount.html
https://www.nytimes.com/hdleftnav
https://www.nytimes.com/digitalleftnav
https://www.nytimes.com/subscription/games/lp897H9.html
https://www.nytimes.com/subscriptions/Multiproduct/lp8R3WU.html
https://www.nytimes.com/marketing/newsletters
https://www.nytimes.com/corporateleftnav
https://www.nytimes.com/educationleftnav
https://www.nytimes.com/services/mobile/index.html
http://eedition.nytimes.com/cgi-bin/signup.cgi?cc=37FYY
```

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https://www.nytimes.com/content/help/rights/copyright/copyright-notice.html
https://myaccount.nytimes.com/membercenter/feedback.html
http://www.nytco.com/careers
http://nytmediakit.com/
https://www.nytimes.com/content/help/rights/privacy/policy/privacy-policy.html#pp
https://www.nytimes.com/privacy
https://www.nytimes.com/ref/membercenter/help/agree.html
https://www.nytimes.com/content/help/rights/sale/terms-of-sale.html
http://spiderbites.nytimes.com
https://mobile.nytimes.com/help
https://www.nytimes.com/membercenter/sitehelp.html
https://www.nytimes.com/subscription/multiproduct/lp8HYKU?campaignId=37WXW
```

In [94]:

```python
print(bsoup.p)
```

```
<p class="css-gs67ux e1n8kpyg0">Here's what you need to know at the end of the day.</p>
```

Find All data in Particular Class

In [95]:

```python
print(bsoup.find_all('p'))
```

```
[<p class="css-gs67ux e1n8kpyg0">Here's what you need to know at the end of the day.</p>, <p class
="css-gs67ux e1n8kpyg0">The Mueller report is released.</p>, <p class="css-gs67ux e1n8kpyg0">A
trip to deep in South Texas brush country, where the terrain is deadly.</p>, <p class="css-1pfq5u
e1n8kpyg0">Sarah Huckabee Sanders, the White House press secretary, is seemingly unfazed by blows
to her credibility.</p>, <p class="css-1pfq5u e1n8kpyg0">The findings revealed that some claims in
the dossier appeared to be false while others were impossible to prove.</p>, <p class="css-1pfq5u
e1n8kpyg0">When that woman is Meghan Markle, and the baby is a Royal Baby, it's "generally seen as
harmless fun."</p>, <p class="css-1pfq5u e1n8kpyg0">The Mueller report is a good reminder of how i
mportant it is to prevent foreign interference in American elections.</p>, <p class="css-1pfq5u
e1n8kpyg0">Mueller laid out the evidence for members of Congress to take action against President
Trump. Will they?</p>, <p class="css-1pfq5u e1n8kpyg0">Experts say mirroring another person's
facial expressions is essential for recognizing emotion, and also for feeling it.</p>, <p class="c
ss-1pfq5u e1n8kpyg0">In "The Absent Hand," the writer Suzannah Lessard dissects a diverse swath of
America, looking to understand the green expanses and urban sprawl that surround us.</p>, <p class
="css-1pfq5u e1n8kpyg0">In the latest Work Friend, our columnist offers advice for women in the wo
rkplace who are getting less than they deserve.</p>, <p class="css-1qo9wc0">We'd like your thought
s on the New York Times home page experience.<a
href="http://nyt.qualtrics.com/jfe/form/SV_eFJmKj9v0krSE0l" rel="noopener noreferrer"
target="_blank">Let us know what you think</a> <svg height="11" viewbox="0 0 7 12" width="7"><path
d="M1 1l4.333 5L1 11" fill="none" fill-rule="evenodd" stroke="#fff" stroke-width="2"></path></svg>
</p>]
```

In [98]:

```python
print(bsoup.find('p').get_text())
```

```
Here's what you need to know at the end of the day.
```

In [99]:

```python
ptags = bsoup.find_all('p')
for p in ptags:
    print(p.text)
```

```
Here's what you need to know at the end of the day.
The Mueller report is released.
A trip to deep in South Texas brush country, where the terrain is deadly.
Sarah Huckabee Sanders, the White House press secretary, is seemingly unfazed by blows to her
credibility.
The findings revealed that some claims in the dossier appeared to be false while others were impos
sible to prove.
When that woman is Meghan Markle, and the baby is a Royal Baby, it's "generally seen as harmless f
un."
The Mueller report is a good reminder of how important it is to prevent foreign interference in Am
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erican elections.
Mueller laid out the evidence for members of Congress to take action against President Trump. Will they?
Experts say mirroring another person's facial expressions is essential for recognizing emotion, and also for feeling it.
In "The Absent Hand," the writer Suzannah Lessard dissects a diverse swath of America, looking to understand the green expanses and urban sprawl that surround us.
In the latest Work Friend, our columnist offers advice for women in the workplace who are getting less than they deserve.
We'd like your thoughts on the New York Times home page experience.Let us know what you think

In [100]:

```
src = urllib.request.urlopen('http://www.espn.com/nba/statistics/player/_/stat/assists/sort/avgAssists/').read()
bsoup = bs.BeautifulSoup(src, 'lxml')
tbl = bsoup.find('table')
```

In [101]:

```
tbl_rows = tbl.find_all('tr')
for tr in tbl_rows:
    td = tr.find_all('td')
    row = [i.text for i in td]
    print(row)
```

```
['RK', 'PLAYER', 'TEAM', 'GP', 'MPG', 'AST', 'APG', 'TO', 'TOPG', 'AP48M', 'AST/TO']
['1', 'Russell Westbrook, PG', 'OKC', '2', '37.5', '21', '10.5', '10', '5.0', '13.4', '2.10']
['2', 'James Harden, PG', 'HOU', '2', '33.0', '20', '10.0', '11', '5.5', '14.5', '1.82']
['3', 'Nikola Jokic, C', 'DEN', '3', '36.0', '29', '9.7', '7', '2.3', '12.9', '4.14']
['4', 'Lou Williams, SG', 'LAC', '3', '28.3', '26', '8.7', '9', '3.0', '14.7', '2.89']
['\xa0', 'Draymond Green, PF', 'GS', '3', '34.0', '26', '8.7', '10', '3.3', '12.2', '2.60']
['6', 'Ben Simmons, PG', 'PHI', '3', '33.3', '24', '8.0', '9', '3.0', '11.5', '2.67']
['7', 'Kyle Lowry, PG', 'TOR', '2', '35.5', '15', '7.5', '4', '2.0', '10.1', '3.75']
['\xa0', 'Ricky Rubio, PG', 'UTAH', '2', '31.5', '15', '7.5', '4', '2.0', '11.4', '3.75']
['9', 'Kyrie Irving, PG', 'BOS', '2', '36.5', '14', '7.0', '5', '2.5', '9.2', '2.80']
['10', 'Reggie Jackson, PG', 'DET', '2', '23.5', '13', '6.5', '2', '1.0', '13.3', '6.50']
['RK', 'PLAYER', 'TEAM', 'GP', 'MPG', 'AST', 'APG', 'TO', 'TOPG', 'AP48M', 'AST/TO']
['11', 'Monte Morris, PG', 'DEN', '3', '23.7', '18', '6.0', '1', '0.3', '12.2', '18.00']
['\xa0', 'Khris Middleton, SF', 'MIL', '2', '29.0', '12', '6.0', '2', '1.0', '9.9', '6.00']
['13', 'Eric Bledsoe, PG', 'MIL', '2', '26.5', '11', '5.5', '1', '0.5', '10.0', '11.00']
['\xa0', 'Ish Smith, PG', 'DET', '2', '22.0', '11', '5.5', '3', '1.5', '12.0', '3.67']
['15', 'Kevin Durant, SF', 'GS', '3', '32.0', '15', '5.0', '17', '5.7', '7.5', '0.88']
['\xa0', 'Chris Paul, PG', 'HOU', '2', '30.0', '10', '5.0', '10', '5.0', '8.0', '1.00']
['\xa0', 'D.J. Augustin, PG', 'ORL', '2', '26.5', '10', '5.0', '2', '1.0', '9.1', '5.00']
['\xa0', 'Damian Lillard, PG', 'POR', '2', '37.5', '10', '5.0', '8', '4.0', '6.4', '1.25']
['19', 'Andre Iguodala, SG', 'GS', '3', '24.3', '14', '4.7', '2', '0.7', '9.2', '7.00']
['\xa0', 'Stephen Curry, PG', 'GS', '3', '30.3', '14', '4.7', '10', '3.3', '7.4', '1.40']
['RK', 'PLAYER', 'TEAM', 'GP', 'MPG', 'AST', 'APG', 'TO', 'TOPG', 'AP48M', 'AST/TO']
['\xa0', 'Jimmy Butler, SG', 'PHI', '3', '35.3', '14', '4.7', '3', '1.0', '6.3', '4.67']
['22', 'Marc Gasol, C', 'TOR', '2', '27.0', '9', '4.5', '0', '0.0', '8.0', '0.00']
['\xa0', 'Al Horford, C', 'BOS', '2', '35.0', '9', '4.5', '6', '3.0', '6.2', '1.50']
['\xa0', 'Thaddeus Young, PF', 'IND', '2', '29.5', '9', '4.5', '2', '1.0', '7.3', '4.50']
['25', 'DeMar DeRozan, SG', 'SA', '3', '36.7', '13', '4.3', '5', '1.7', '5.7', '2.60']
['26', 'Patrick Beverley, PG', 'LAC', '3', '27.0', '12', '4.0', '5', '1.7', '7.1', '2.40']
['\xa0', 'Darren Collison, PG', 'IND', '2', '29.0', '8', '4.0', '6', '3.0', '6.6', '1.33']
['\xa0', 'CJ McCollum, SG', 'POR', '2', '36.5', '8', '4.0', '6', '3.0', '5.3', '1.33']
['\xa0', 'Giannis Antetokounmpo, PF', 'MIL', '2', '26.5', '8', '4.0', '6', '3.0', '7.2', '1.33']
['\xa0', 'Sterling Brown, SG', 'MIL', '2', '25.5', '8', '4.0', '2', '1.0', '7.5', '4.00']
['RK', 'PLAYER', 'TEAM', 'GP', 'MPG', 'AST', 'APG', 'TO', 'TOPG', 'AP48M', 'AST/TO']
['\xa0', 'Terry Rozier, PG', 'BOS', '2', '19.5', '8', '4.0', '3', '1.5', '9.8', '2.67']
['\xa0', 'Domantas Sabonis, PF', 'IND', '2', '25.0', '8', '4.0', '2', '1.0', '7.7', '4.00']
['33', 'Tobias Harris, SF', 'PHI', '3', '35.3', '11', '3.7', '3', '1.0', '5.0', '3.67']
['34', 'George Hill, PG', 'MIL', '2', '24.5', '7', '3.5', '1', '0.5', '6.9', '7.00']
['\xa0', 'Kawhi Leonard, SF', 'TOR', '2', '33.0', '7', '3.5', '5', '2.5', '5.1', '1.40']
['\xa0', 'Joe Ingles, SF', 'UTAH', '2', '32.0', '7', '3.5', '3', '1.5', '5.3', '2.33']
['37', 'Danilo Gallinari, SF', 'LAC', '3', '30.3', '10', '3.3', '8', '2.7', '5.3', '1.25']
['\xa0', 'Derrick White, PG', 'SA', '3', '31.0', '10', '3.3', '8', '2.7', '5.2', '1.25']
['39', 'LaMarcus Aldridge, C', 'SA', '3', '35.0', '9', '3.0', '3', '1.0', '4.1', '3.00']
['\xa0', 'Patty Mills, PG', 'SA', '3', '19.7', '9', '3.0', '1', '0.3', '7.3', '9.00']
```

In [102]:

```
type(row)
```

Out[102]:

```
list
```

In [103]:

```
import pandas as pd
data = pd.read_html("http://www.espn.com/nba/statistics/player/_/stat/assists/sort/avgAssists/")
for df in data:
    print(df)
```

```
     0                         1     2   3     4    5     6   7     8  \
0    RK                    PLAYER  TEAM  GP   MPG  AST   APG  TO  TOPG
1     1     Russell Westbrook, PG   OKC   2  37.5   21  10.5  10   5.0
2     2          James Harden, PG   HOU   2  33.0   20  10.0  11   5.5
3     3           Nikola Jokic, C   DEN   3  36.0   29   9.7   7   2.3
4     4          Lou Williams, SG   LAC   3  28.3   26   8.7   9   3.0
5   NaN        Draymond Green, PF    GS   3  34.0   26   8.7  10   3.3
6     6           Ben Simmons, PG   PHI   3  33.3   24   8.0   9   3.0
7     7            Kyle Lowry, PG   TOR   2  35.5   15   7.5   4   2.0
8   NaN            Ricky Rubio, PG  UTAH   2  31.5   15   7.5   4   2.0
9     9           Kyrie Irving, PG   BOS   2  36.5   14   7.0   5   2.5
10   10        Reggie Jackson, PG   DET   2  23.5   13   6.5   2   1.0
11   RK                    PLAYER  TEAM  GP   MPG  AST   APG  TO  TOPG
12   11          Monte Morris, PG   DEN   3  23.7   18   6.0   1   0.3
13  NaN       Khris Middleton, SF   MIL   2  29.0   12   6.0   2   1.0
14   13          Eric Bledsoe, PG   MIL   2  26.5   11   5.5   1   0.5
15  NaN             Ish Smith, PG   DET   2  22.0   11   5.5   3   1.5
16   15          Kevin Durant, SF    GS   3  32.0   15   5.0  17   5.7
17  NaN             Chris Paul, PG   HOU   2  30.0   10   5.0  10   5.0
18  NaN         D.J. Augustin, PG   ORL   2  26.5   10   5.0   2   1.0
19  NaN        Damian Lillard, PG   POR   2  37.5   10   5.0   8   4.0
20   19        Andre Iguodala, SG    GS   3  24.3   14   4.7   2   0.7
21  NaN         Stephen Curry, PG    GS   3  30.3   14   4.7  10   3.3
22   RK                    PLAYER  TEAM  GP   MPG  AST   APG  TO  TOPG
23  NaN          Jimmy Butler, SG   PHI   3  35.3   14   4.7   3   1.0
24   22             Marc Gasol, C   TOR   2  27.0    9   4.5   0   0.0
25  NaN             Al Horford, C   BOS   2  35.0    9   4.5   6   3.0
26  NaN        Thaddeus Young, PF   IND   2  29.5    9   4.5   2   1.0
27   25         DeMar DeRozan, SG    SA   3  36.7   13   4.3   5   1.7
28   26      Patrick Beverley, PG   LAC   3  27.0   12   4.0   5   1.7
29  NaN       Darren Collison, PG   IND   2  29.0    8   4.0   6   3.0
30  NaN          CJ McCollum, SG   POR   2  36.5    8   4.0   6   3.0
31  NaN  Giannis Antetokounmpo, PF   MIL   2  26.5    8   4.0   6   3.0
32  NaN       Sterling Brown, SG   MIL   2  25.5    8   4.0   2   1.0
33   RK                    PLAYER  TEAM  GP   MPG  AST   APG  TO  TOPG
34  NaN          Terry Rozier, PG   BOS   2  19.5    8   4.0   3   1.5
35  NaN      Domantas Sabonis, PF   IND   2  25.0    8   4.0   2   1.0
36   33          Tobias Harris, SF   PHI   3  35.3   11   3.7   3   1.0
37   34            George Hill, PG   MIL   2  24.5    7   3.5   1   0.5
38  NaN         Kawhi Leonard, SF   TOR   2  33.0    7   3.5   5   2.5
39  NaN             Joe Ingles, SF  UTAH   2  32.0    7   3.5   3   1.5
40   37       Danilo Gallinari, SF   LAC   3  30.3   10   3.3   8   2.7
41  NaN          Derrick White, PG    SA   3  31.0   10   3.3   8   2.7
42   39      LaMarcus Aldridge, C    SA   3  35.0    9   3.0   3   1.0
43  NaN            Patty Mills, PG    SA   3  19.7    9   3.0   1   0.3

        9      10
0    AP48M  AST/TO
1    13.4    2.10
2    14.5    1.82
3    12.9    4.14
4    14.7    2.89
5    12.2    2.60
6    11.5    2.67
7    10.1    3.75
8    11.4    3.75
9     9.2    2.80
10   13.3    6.50
11   AP48M  AST/TO
12   12.2   18.00
13    9.9    6.00
14   10.0   11.00
```

```
15    12.0    3.67
16     7.5    0.88
17     8.0    1.00
18     9.1    5.00
19     6.4    1.25
20     9.2    7.00
21     7.4    1.40
22    AP48M   AST/TO
23     6.3    4.67
24     8.0    0.00
25     6.2    1.50
26     7.3    4.50
27     5.7    2.60
28     7.1    2.40
29     6.6    1.33
30     5.3    1.33
31     7.2    1.33
32     7.5    4.00
33    AP48M   AST/TO
34     9.8    2.67
35     7.7    4.00
36     5.0    3.67
37     6.9    7.00
38     5.1    1.40
39     5.3    2.33
40     5.3    1.25
41     5.2    1.25
42     4.1    3.00
43     7.3    9.00
```

Thank You All