

# DATA 101 Exam 1

Kamila Palys

Due: Monday 10/26 at 11:59pm

## Academic Honesty Statement (fill in your name)

I, Kamila Palys, hereby affirm that I have not communicated with or gained information in any way from my classmates or anyone other than the Professor during this exam, that I have not assisted anyone else with this exam, and that all work is my own.

## Load packages and data

## Questions

### Question 1

First, we will make a table to view the salaries of the NBA players in descending order by using the “select” and “arrange” functions to display the variables we want, in the order we want.

```
## # A tibble: 417 x 2
##   player      salary
##   <chr>      <dbl>
## 1 Kobe Bryant      25
## 2 Joe Johnson    24.9
## 3 LeBron James   23.0
## 4 Carmelo Anthony 22.9
## 5 Dwight Howard  22.4
## 6 Chris Bosh     22.2
## 7 Chris Paul     21.5
## 8 Kevin Durant   20.2
## 9 Derrick Rose   20.1
## 10 Dwyane Wade   20
## # ... with 407 more rows
```

From the table it is visible that Kobe Bryant has the highest salary of all the NBA players at \$25 million.

### Question 2

Now we will create a boxplot .....

```
## # A tibble: 417 x 4
##   player      position team      salary
##   <chr>      <chr>    <chr>      <dbl>
## 1 Paul Millsap PF      Atlanta Hawks 18.7
## 2 Al Horford  C       Atlanta Hawks 12
## 3 Tiago Splitter C       Atlanta Hawks 9.76
```

```
## 4 Jeff Teague      PG      Atlanta Hawks      8
## 5 Kyle Korver      SG      Atlanta Hawks      5.75
## 6 Thabo Sefolosha  SF      Atlanta Hawks      4
## 7 Mike Scott       PF      Atlanta Hawks      3.33
## 8 Kent Bazemore    SF      Atlanta Hawks      2
## 9 Dennis Schroder  PG      Atlanta Hawks      1.76
## 10 Tim Hardaway Jr. SG      Atlanta Hawks      1.30
## # ... with 407 more rows
```

### Question 3

[Enter code and narrative here.]

### Question 4

[Enter code and narrative here.]

### Question 5

[Enter code and narrative here.]

### Question 6

[Enter code and narrative here.]

### Question 7

[Enter code and narrative here.]

### Question 8

[Enter code and narrative here.]

### Question 9

[Enter code and narrative here.]

### Question 10

[Enter code and narrative here.]