



## Homework: Wrapping It Up With Pandas

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Welcome!

### Pandas: Final Practice Problems

In this homework, you're going to write code for a few problems.

You'll practice the following programming concepts we've covered in class:

- \* Basic EDA with Pandas.
- \* Visualization with Pandas.

1. Import Pandas, `Matplotlib.pyplot`, and NumPy. Don't forget the line that makes `matplotlib` render in a Jupyter Notebook!

2. Read in the NBA players CSV into a variable called `nba_df`.

This is a data set of NBA players from 2015. The file name is `NBA_players_2015.csv`.

4. Check for null values. Impute your data set.

5. Group this data set by the `position` column.

6. Discuss the difference in these players.

7. Impute all null values with the mean of that dataset

8. Chain the `groupby` on the position column with a bar chart to plot the average number of field goals, steals, and blocks by position

The end!

Great job!