



## Microsoft: DAT210x Programming with Python for Data Science

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## Assignment 4

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## Lab Assignment 4

Navigate over to ESPN's website for NHL Historic Player Points Statistics, for the years 2014-2015. This *page* has a table on it with a few stats we're interested in obtaining. But it's a bit messy! Clean it up for us, using the appropriate commands to:

- 1. Load up the table on this page into a Pandas dataframe
- 2. Rename the columns so that they match the column definitions on the website
- 3. Get rid of any erroneous rows that has at least 4 NANs in them
- 4. Get rid of the **RK** column
- 5. Ensure there are no nan "holes" in your index
- 6. Check the dtypes of all columns, and ensure those that *should* be numeric are numeric

## **Lab Questions**

3 points possible (graded)

Please enter a numeric value (e.g. 0, 1, 10.5, etc) which correctly answers the question(s) below:

After completing the 6 steps above, how many rows **remain** in this dataset? (Not to be confused with the index!)

▶ 3. Exploring Data	
• 4. Transforming Data	How many unique <b>PCT</b> values exist in the table?
▶ 5. Data Modeling	
▶ 6. Data Modeling II	What is the <b>value</b> you get by adding the <b>GP</b> values at <i>indices</i> 15 and 16 of this table?
▶ 7. Evaluating Data	
► Course Wrap-up	
	Submit You have used 0 of 2 attempts

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