



NYC Data Science Bootcamp Fall 2015

Week 1 Day 5 - Manipulating data with “dplyr”

Due Date: Monday September 28, 2015

For this homework, you are going to explore an online dataset and try to answer the questions. You can find the dataset here:

<https://data.cityofnewyork.us/City-Government/NYC-Jobs/kpav-sd4t>

Question 1:

- What are the mean and median beginning and ending salaries for each agency?
Note that salaries can be annual, hourly, or daily.
- What agency has the best average starting salary?
- Does the type of posting (internal or external) have a big impact on the average salary range?
- Rank the levels and figure out the average salary range for each level.
- Find out the range of money currently being spent by each agency for new hires.
Note that each ID lists how many positions are available.
- What civil service title has the best salary range?