Pandas Assignment

Dataset link

1. Remove the **'$'** and **‘,’** signs from the **'Base Pay'** column and change the column's data type to float (Use pandas for this and not excel)

2. Create a column **'Fiscal Year'** in which you will get the **'Fiscal Year'** from the **'Fiscal Period'** column.

3. Remove the columns **‘Middle Init’, ’Office’, ’Job Code’, and ‘Position ID’ from the DataFrame.**

4. Get the count of unique values for the columns **'Fiscal Year'**, **' Office Name'**, **'Job Title'**, and **'Bureau'**

5. Get the top 10 and bottom 10 rows.

6. What is every job title's median **'Base pay'**?

7. How many Job Titles contain **'Service'** in it?

8. Print the Highest **'Base Pay'** of every **'Office Name'**.

9. Create a Dataframe having **'Original Hire Date'** as its index and **'Job Title'** and **'Base pay'** are columns

10. Find the average **'Base pay'** of every **'Fiscal Year’**.

11 Create 3 DataFrames **'df_2016'**, **'df_2017',** and **'df_2018'** where each dataframe will contain data only from those **'Fiscal Year’**.

12. Get all the details where **'Job Title'** is **'Operating Engineer II'** and the **'Base Pay'** is less than 29000 and greater than 25000

13. Concat the above 3 Dataframes created **'df_2016'**, **'df_2017',** and **'df_2018'**, to create a new DataFrame.

14. Get all the details of Employees whose **'Base Pay'** is the minimum or **'Base Pay'** is the maximum

15. For each ‘**Office Name**’ in that for each ‘**Job Title’** find the first and second highest **'Base Pay'** salary.