

Python seminar Homework for Chap. 4.5

1. Please plot a scatter plot graph between the PDO (Pacific Decadal Oscillation) index and biomass of Japanese sardine (Pacific stock).

Please use averaged PDO index during winter (December-January-February). The PDO index can be available by the python command:

```
url = https://psl.noaa.gov/pdo/data/pdo.timeseries.ersstv5.csv
df1 = pd.read_csv(url, names=['Date', 'pdo'], header=0, index_col=0)
```

Please think why the options `header=0` & `names=['Date', 'pdo']` are essential.

The biomass data of Japanese sardine Pacific stock can be available from <http://abchan.fra.go.jp/index1.html>, but I attached the csv file (the version header was modified to English).

I recommend you to use `scipy` pearson command by the following import sentence from `scipy.stats` import `pearsonr`

