# #02 Python Assignment

Assignment to test basic python and data science concepts.

01. Create a python class PCA in "pca.py" to implement PCA (Principle component analysis)
02. Read about PCA over here.
03. The deliverable is a class that can be used as follows:

> *from pca import PCA*
>
> *….*
>
> *….*
>
> *pca_model = PCA(n_component=2)*
>
> *pca_model.fit(x)*
>
> *print(pca_model.variance_ratio)*
>
> *print(pca_model.transform(data))*

**Upload your pca.py file to https://gist.github.com and share the URL.**

Feel free to reach out for any queries.