2.SVD And PCA on Iris Dataset:

The data set consists of 50 samples from each of three species of *Iris* (*[Iris setosa](https://en.wikipedia.org/wiki/Iris_setosa)*, *[Iris virginica](https://en.wikipedia.org/wiki/Iris_virginica)* and *[Iris versicolor](https://en.wikipedia.org/wiki/Iris_versicolor)*). Four [features](https://en.wikipedia.org/wiki/Features_(pattern_recognition)) were measured from each sample: the length and the width of the [sepals](https://en.wikipedia.org/wiki/Sepal) and [petals](https://en.wikipedia.org/wiki/Petal), in centimetres .We have calculated the SVD and PCA and plotted.



