## CLick here to download IPYTHON notes for this lecture

correction: The formula for covariance matrix is  $1/n * (X^T*X)$  (we missed out in 1/n in the video)

there is a typo in the ipython notebook, as eigenvalues generated are in ascending order, when we multiply vector\*sample\_data^T vector[0]\*X[i] will be second principle component vector[1]\*x[i] will be first principle component