**Demo: -** https://youtu.be/t27Z4dWvu9c
**Data: -** Data provided in the
https://github.com/ziliHarvey/CNN-for-Airfoil by Haolin Liu
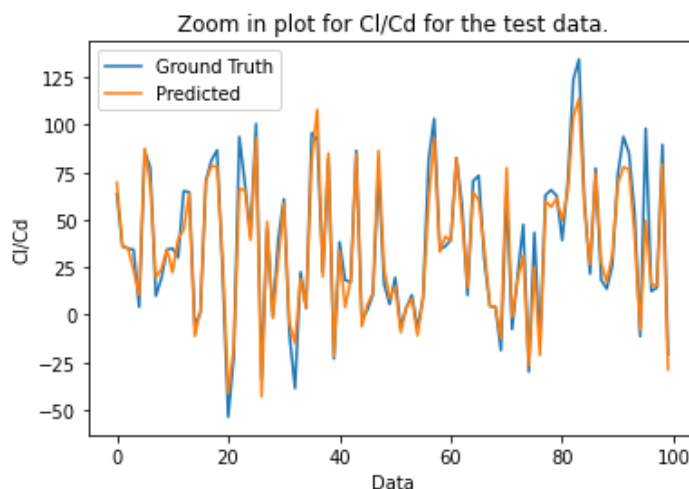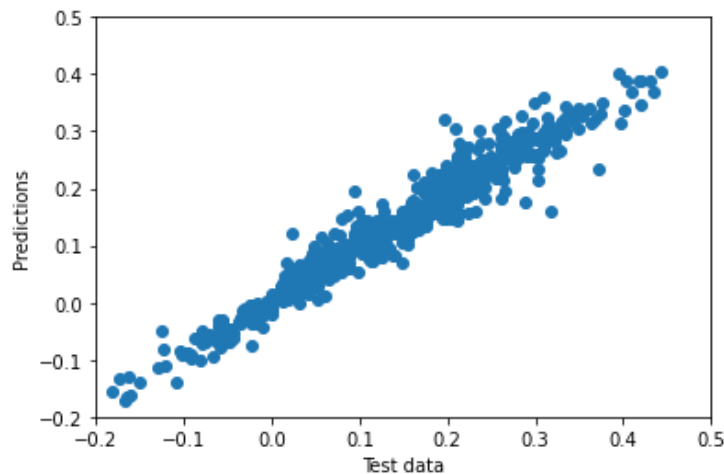@HaolinCMU, Zi Li and Fei Lu @fei123ilike is used for this
application.



Image Example: -

**Neural network: -** 4 convolution layers are used in the network to extract the features in the images, these rich feature embeddings are fed in the fully connected layers with 3 hidden layers. This model was considered to be best in comparison with the other architectures experimented by us.

**Results: -**

Final losses for test and train data were in the order of 10^-4.
Find the plots which compare the predictions and the ground truth.





**Web app: -** Find the demo of the web app in the youtube video mentioned at the top.