

## REPORT

The runtime of the algorithm was significantly reduced by using vectorized numpy operations wherever possible.

Total runtime : 15 mins (on csgrads1.utdallas.edu)

Mean absolute error = 0.773

RMS error = 2.875

### ANALYSIS:

The mean absolute error is less which signifies that the algorithm gives a good prediction but the variance is very high which is signified by the high RMS error.