## Project 1

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Abstract—In this project we were given a time series prediction problem in which 275 data points have been given which are measurements of the physical variable y(n) where n denotes year, the given data can be seen in fig. 1 below. The task is to predict the following 30 data points for y(276),...,y(305). Using Neural Net tool box of MATLAB, we have solved the time series prediction problem by training n-layered neural-net with the (lm) algorithm and using early stopping.

- I. Introduction
  - II. APPROACH
- A. Generating Data
- B. Training Data
- C. Testing Data

III. CONCLUSION