

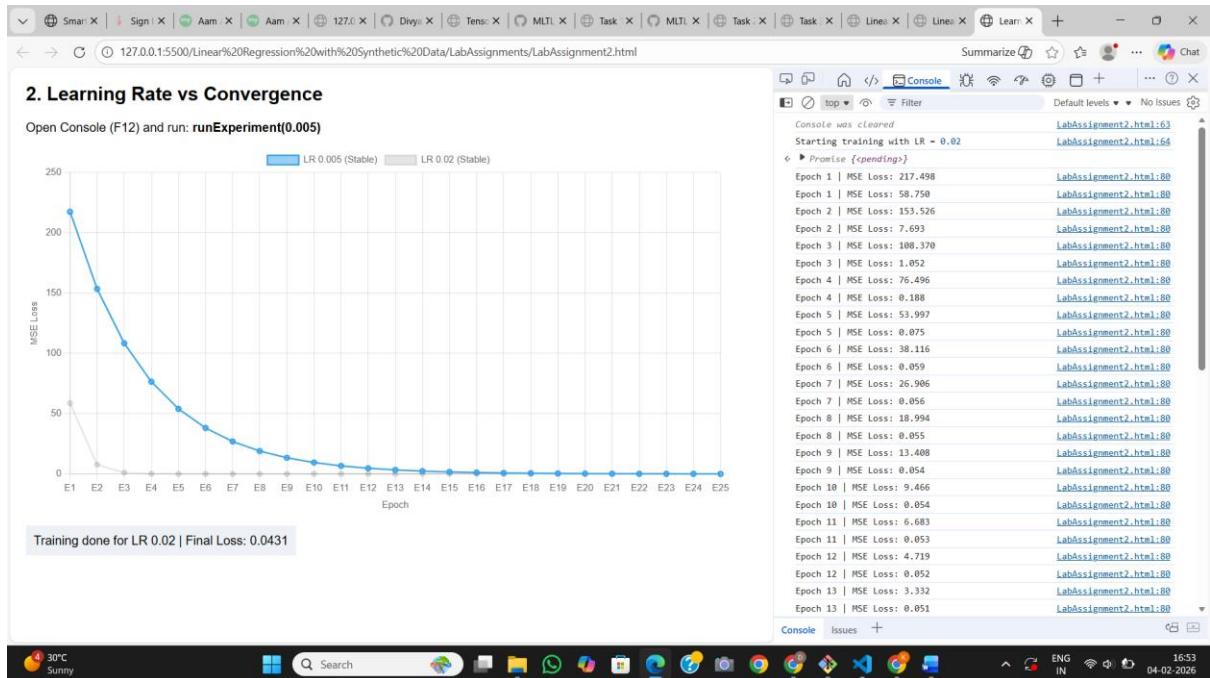
CM23058 Practical 1

The screenshot shows a browser window with the URL 127.0.0.1:5500/Linear%20Regression%20with%20Synthetic%20Data/index.html. The title bar says "Linear Regression with Synthetic Data". The main content area displays a scatter plot of blue dots representing actual data points and a red line representing the predicted regression line. The x-axis ranges from 1.00 to 2.00, and the y-axis ranges from 2.0 to 4.0. Below the plot, the equation $y = 1.61x + 0.69$, MSE: 0.0358, and Points: 3 are shown. The browser's developer tools Console tab is open, showing training logs for 150 epochs, starting with "Training started..." and ending with "Epoch 150: loss = 0.000039796817873138934". A warning message at the bottom of the console states: "Tracking Prevention blocked access to storage for https://cdn.jsdelivr.net/npm/@tensorflow/tfjs@latest." followed by four identical entries. The status bar at the bottom shows the date and time as 04-02-2026.

Lab Assignment 1:

The screenshot shows a browser window with the URL 127.0.0.1:5500/Linear%20Regression%20with%20Synthetic%20Data/LabAssignments/LabAssignment1.html. The title bar says "Linear Regression (TensorFlow.js)". The main content area displays a scatter plot with a red line. The x-axis ranges from 1.00 to 2.00, and the y-axis ranges from 2.0 to 4.0. Below the plot, the equation $y = 1.61x + 0.69$, MSE: 0.0358, and Points: 3 are shown. The browser's developer tools Console tab is open, showing a promise-based implementation of the `addPoint` function. The log shows the following sequence of events:
- A warning message: "Tracking Prevention blocked access to storage for <URL>."
- The use of `addPoint(x, y)` from `LabAssignment1.html:122`.
- A live reload message.
- Clicking to explain an error.
- Promises being fulfilled and pending.
- Points being added: (1, 2) and (2, 4).
The status bar at the bottom shows the date and time as 04-02-2026.

Lab Assignment 2:



Lab Assignment 3:

