

Assignment 1: Weather Prediction Model

Dataset:

python

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Temperature (°C): [20, 22, 24, 26, 28, 30]

Ice Cream Sales (₹): [120, 150, 170, 190, 210, 230]

Tasks:

1. Build a linear regression model.
2. Predict sales when temperature is 32°C.
3. Plot actual vs predicted.
4. Calculate R^2 score.

Assignment 2: Custom Data Regression Task

Instructions:

- Collect your own 10-15 data points (e.g., time studied vs marks scored).
- Create a Pandas DataFrame.
- Train a regression model and visualize the line.
- Evaluate with MSE and R^2 .