



ML Generalization & Prediction

File C:/Users/suja/OneDrive/Desktop/Code/mlLab\_CM23005/Linear%20Regression%20with%20Synthetic%20Data/Lab%20Assingment%203/index.html

### 3. Predict Unseen Inputs & Compare Results

Learned Model:  $y = 3.49x + 3.21$

Input (X)	Expected	Predicted	Error (%)
115	350.00	405.13	15.75%
21	68.00	76.61	12.66%
6	23.00	24.18	5.14%

Console support available: predict(x)  
Example: predict(6).predict(10.5)

Model trained index.html:163  
x=6, expected=23, predicted=24.18 index.html:181  
x=21, expected=68, predicted=76.61 index.html:181  
x=115, expected=350, predicted=405.13 index.html:181

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