Batch - T7

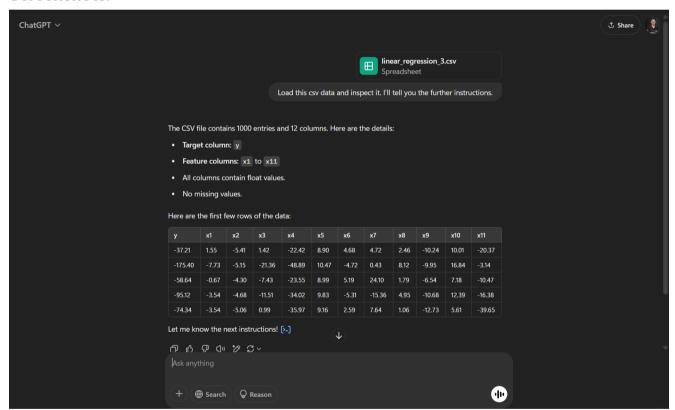
**Assignment No. -** 6

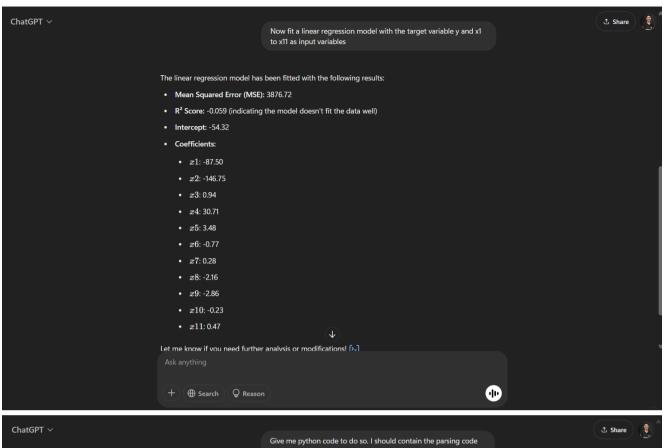
Student Name - Sharaneshwar Bharat Punjal

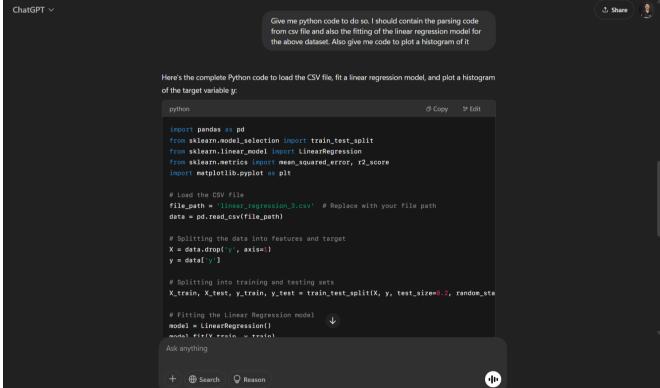
**Student PRN - 23520011** 

You have been provided data in the CSV file. Use this file to fit a linear regression model using ChatGPT alone. 'y' is the target variable and 'x1,x2,....x11' are the input variables. Please take a screenshot of your prompts and chatGPT's responses and submit in a word document or ppt. 10\*coefficient of determination will be your score. Copying of prompts will lead to assignment disqualification.

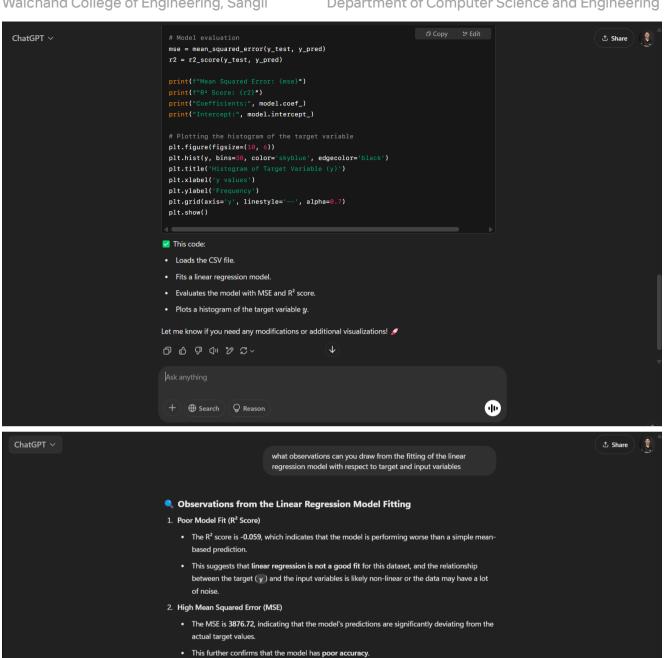
# Chat Link - <a href="https://chatgpt.com/share/67dc0c98-9acc-8010-84a5-9a6f9a629217">https://chatgpt.com/share/67dc0c98-9acc-8010-84a5-9a6f9a629217</a> Screenshots:







◍



• Some variables have large coefficients (e.g., x1 = -87.50, x2 = -146.75), which suggests they

• Other variables have small or near-zero coefficients (e.g., x6 , x10 ), indicating they have

• The coefficients with both positive and negative signs indicate that some variables are positively correlated, while others are nega  $\psi$  ly correlated with the target.

may have a stronger impact on the target variable.

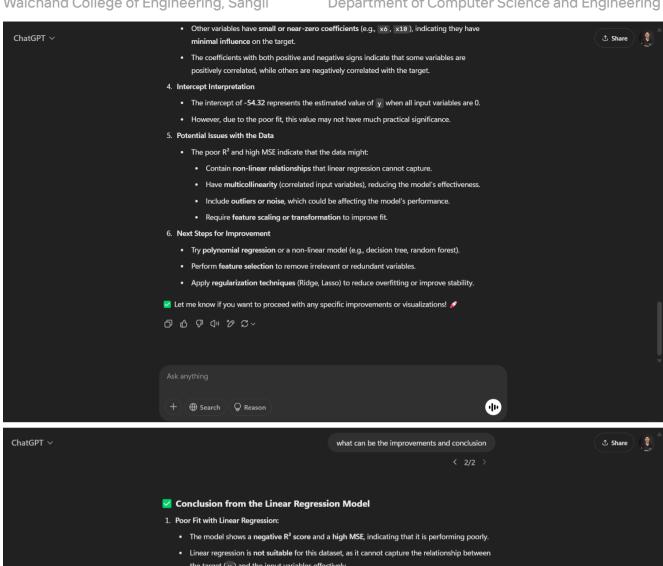
minimal influence on the target.

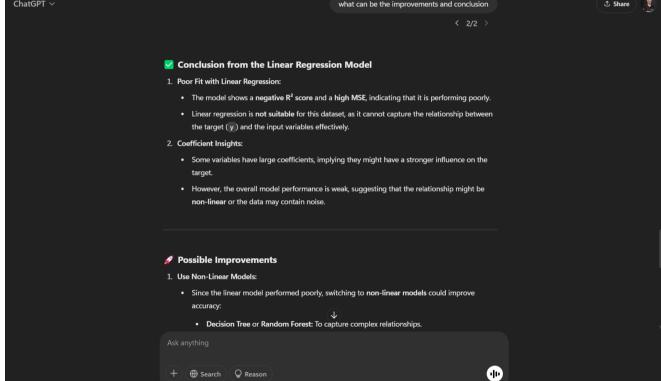
+ Search Q Reason

3. Coefficient Analysis

## Walchand College of Engineering, Sangli

#### Department of Computer Science and Engineering





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