

Lab 3 – Linear Regression with 1 variable

Tasks:

1. Write a Python code that takes the food truck data set and fits a linear regression model to the data set.
2. Try out the code with different sets of w and b until u hopefully find a line that best fits the data set.
3. Imagine you are going to use the ML model u created above to predict the profit of opening the food truck at a new city. Try out 2 different cities (with 2 different populations) for both scenarios below:
 - a) The linear regression model suggests to open in that city and the profits expected.
 - b) The linear regression model suggests to NOT open in that city and the lack of profits expected.