

## Question

In this exercise, you will explore the impact of model parameters on predictions using the provided Colab code.

### Instructions

- 1 . Open the Colab link and run the code.
- 2 . Modify the values of `alpha` and `beta` in the code.
- 3 . For each set of values:
  - Observe and save the output plots.

### What to Include in Your Report

- 1 . **Code Explanation:** A brief description of what the code does.
- 2 . **Plots:** Output plots for different parameter values.
- 3 . **Analysis:** How the values of `alpha` and `beta` affect:
  - Prediction accuracy.
  - Uncertainty bounds (red lines).
  - Model fit to training and test data.

### Submission

- Submit a Word or PDF report with your analysis and saved plots.
- Include the modified Colab link.

### Colab Link