ASSIGNMENT #3

1. Question: You are a data scientist at a real estate company. Your task is to predict house prices based on various features such as square footage, number of bedrooms, and location. Using linear regression, build a model to make these predictions. Discuss the steps you would take to prepare the data, choose the features, and validate the model. Additionally, identify potential issues you might face and how you would address them. Objective: Apply linear regression to a real-world problem and discuss data preparation and validation techniques.

2. Question: You are a data scientist at a real estate company. Your task is to predict house prices based on various features such as square footage, number of bedrooms, and location. Using linear regression, build a model to make these predictions. Discuss the steps you would take to prepare the data, choose the features, and validate the model. Additionally, identify potential issues you might face and how you would address them. Objective: Apply linear regression to a real-world problem and discuss data preparation and validation techniques.