Assignment 5

For this assignment, you will be working on a project to develop a program that predicts housing prices based on various factors.

1. Choose a dataset that contains housing price information. The dataset should include multiple features such as size, location, age, number of bedrooms, etc.
2. Preprocess the data by handling missing values, encoding categorical variables, and scaling numerical variables.
3. Split the dataset into training and testing sets using a 80:20 split.
4. Train a machine learning model, such as a linear regression or a decision tree, on the training set.
5. Evaluate the performance of the model using metrics such as mean squared error (MSE) and R-squared.
6. Save the trained model to a file for future use.

Please submit your project report and code to the provided platform by the due date.

Unit 7 - Week 5

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