Reflection

Through this week homework, I have explored more about the Polynomial regression along with the visualization. Upon my understanding, the code is about the Linear Regression and Polynomial regression of the housing data using sqft_living feature to predict the price. The model is build from only the 100 data points of the dataset. Apart from the code, I have also leverage about the equation and its calculation. Upon comparing the two graph of Linear Regression and Polynomial regression, the differences of the two models are clearly seen.

While exploring more about the question, I have tried with difference degree for the Polynomial Regression. At the same time, I also visualized the graph which make me to see clearly how the shape of the graph changes upon each degree. By leveraging more about the performance indicators, I have come across to know about the usage of cross_val_score to find the best degree for the polynomial regression.