Multiple Linear Regression Report

This report represent a multiple linear regression model for predicting startup profit based on various expenditures, including R&D, admistration, and marketing.

The dataset was preprossed using OneHotEncoding for the 'State' feature and split into training/testing sets. The model was trained and tested, and the prediction results are visualized below.
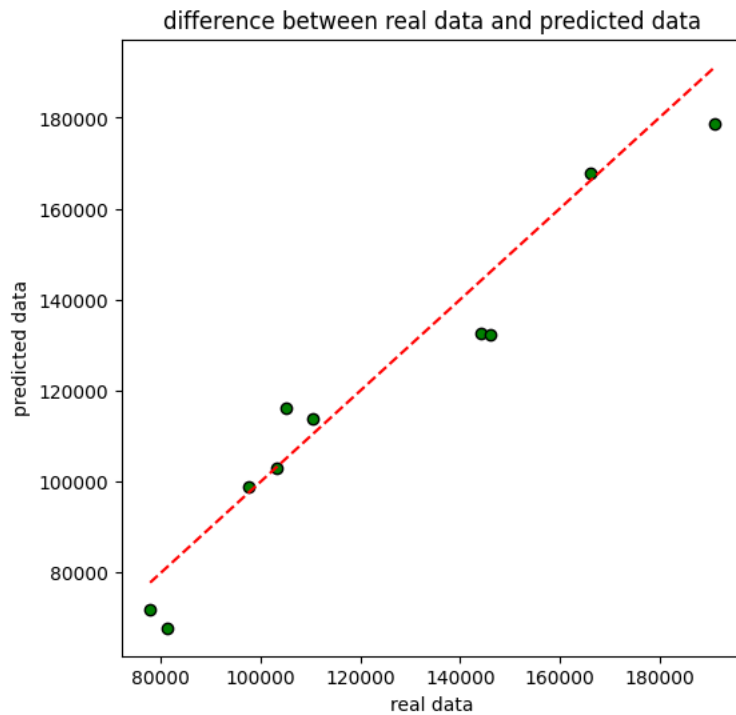

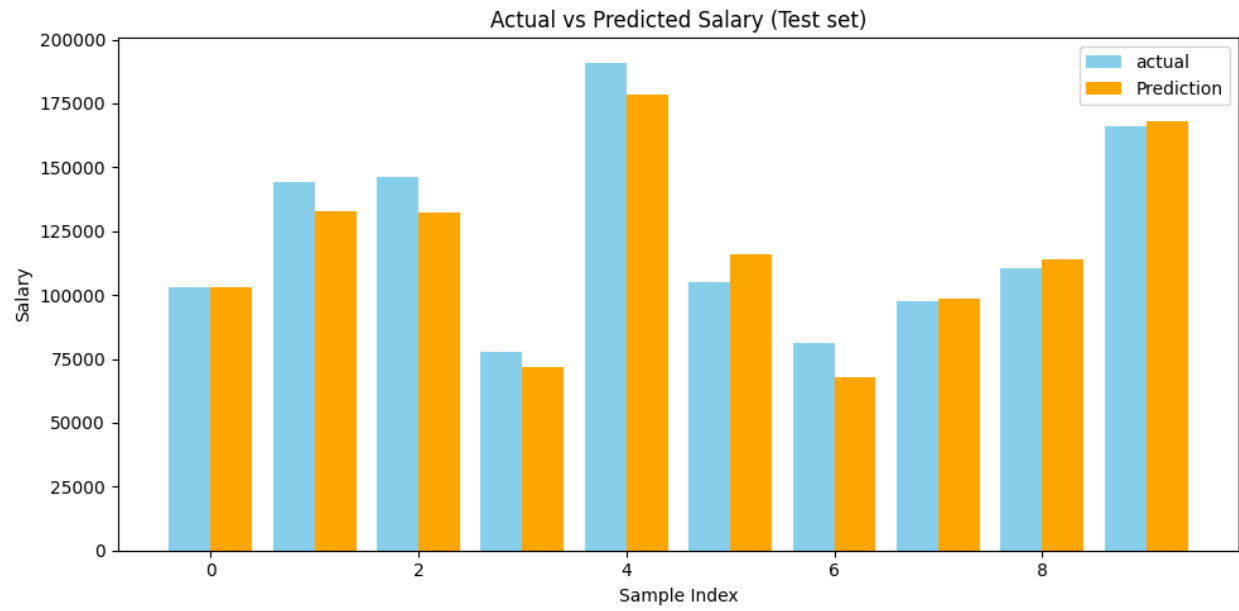*Figure 1.The plot indicate how the model fitting (red dash line) with the read data(green dots).*

Figure 2. By ploting the real data(blue bar) and predicted data(yellow bar), the small difference indicate a good fitting model.