

Tests

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Below are some of the tests I would place in terms of the dataset, the model, and the predictions. For the dataset, I would check for missing data/null values and the correct classes of each variable for analysis, and I would make sure there are no data entry errors are made by checking for outliers. For the model, I would also test for class, the number of observations, and the coefficients. To ensure replicability, I would also set a seed for my model. When predicting, we should make sure we don't overfit the data. Confusion matrices can use our test datasets to evaluate the model's prediction ability. A key part of testing models is to make sure we have randomly constructed training and test sets.