

SageMaker Model Quality Report

This report contains model insights and model quality information for candidate **automl-full-first28-16-56-143PUt-001-5b7b6504**. The candidate was generated by the AutoML job **automl-full-first28-16-56-14**.

The **automl-full-first28-16-56-143PUt-001-5b7b6504** candidate is a trained **Regression** model whose objective is to **Minimize** the "RMSE" quality metric.

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Autopilot job details

Title		Value
Autopilot candidate name	automl-full-first28-16-56-143PUt-001-5b7b6504	
Autopilot job name	automl-full-first28-16-56-14	
Problem type	Regression	
Objective metric	RMSE	
Optimization direction	Minimize	

Model quality report

Model quality information is generated by the prebuilt SageMaker Model Monitor container. This report is for a **Regression** problem. **15761** rows were included in the evaluation dataset. The evaluation time occurred at **2025-03-28T17:35:54.336Z**.

Metrics table

Metric Name	Value	Standard Deviation
mae	0.066412	0.006753
mse	2.439992	1.100925
rmse	1.562047	0.510164
r2	0.397053	0.142887

Note The values of the performance metrics in this table may differ from the values reported by Autopilot. The differences tend to appear when training on smaller datasets. The values for the metrics in the table use all the training data once to estimate the performance of a model. Autopilot scores are calculated using k-fold cross-validation resampling method that train a machine learning algorithm on different subsets of the dataset. A score is then calculated for overall performance by averaging the resulting performance metrics for each trial.