

Knowledge check

200 XP

2 minutes

1. An automobile dealership wants to use historic car sales data to train a machine learning model. The model should predict the price of a pre-owned car based on its make, model, engine size, and mileage. What kind of machine learning model should the dealership use automated machine learning to create?

Classification

Regression

Correct. To predict a numeric value, use a regression model.

Time series forecasting

2. A bank wants to use historic loan repayment records to categorize loan applications as low-risk or high-risk based on characteristics like the loan amount, the income of the borrower, and the loan period. What kind of machine learning model should the bank use automated machine learning to create?

Classification

Correct. To predict a category, or class, use a classification model.

Regression

Time series forecasting

3. You want to use automated machine learning to train a regression model with the best possible *R2 score*. How should you configure the automated machine learning experiment?

Set the Primary metric to R2 score

Correct. The primary metric determines the metric used to evaluate the best performing model.

Block all algorithms other than GradientBoosting

Enable featurization

Next unit: Summary