

Since you have the skills required for machine learning concepts, we are now left with more advanced techniques. These algorithms and tools provide another level of sophistication and complexity.

In this lesson, we will learn how to:

- Train, test, and optimize the following types of models. Model complexity increases from the first to the last model.
  - Linear models
  - Tree-based models
  - XGBoost models
  - AutoGluon Tabular prediction models
- Create a model using Sagemaker Jumpstart, which is AWS's ability to have 1-click solutions for a number of ML problems.

After gaining the skills in this lesson, you'll have the ability to solve an array of machine learning problems by utilizing the latest tools available.