



## **Model Persistence**

Save and load XGBoost models using joblib.

## **Chapter Goals:**

• Save and load XGBoost models with the joblib API

## A. The joblib API

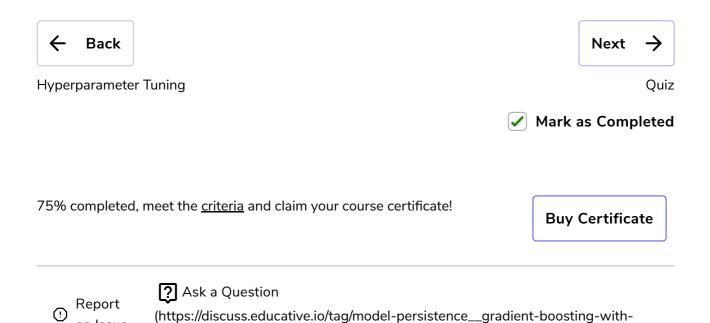
Since the XGBClassifier and XGBRegressor models follow the same format as scikit-learn models, we can save and load them in the same way. This means using the joblib (https://joblib.readthedocs.io/en/latest/) API.

With the joblib API, we save and load models using the dump

(https://joblib.readthedocs.io/en/latest/generated/joblib.dump.html#)
and load

(https://joblib.readthedocs.io/en/latest/generated/joblib.load.html#)
functions, respectively. See here (https://scikit-

learn.org/stable/modules/model\_persistence.html) for specific examples on model persistence with scikit-learn models.



xgboost\_\_machine-learning-for-software-engineers)



