



✓ **Congratulations! You passed!**

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1. What is the benefit of using a pre-canned Estimator?

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point



It can give us a quick ML model

Correct



It will cover every scenario you want to model



The syntax requires custom model coding



2. What is the recommended way to create distributed Keras models?

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point



Write a custom estimator whose model function uses the TensorFlow equivalent of each of the Keras calls.



Write a Keras model and add device placement TensorFlow code to distribute the model among parameter servers and workers



Write a Keras model as normal, and use the `model_to_estimator` function to convert it into an Estimator for `train_and_evaluate`

Correct



3. In the model function for a custom estimator, you can customize:

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point



The label that is used

Un-selected is correct



The predictions that are returned

Correct

Correct. It is possible, for example, in a classification problem to decide to return an intermediate embedding, the class probability, and the logits. This is possible because predictions is a dictionary.



The optimizer that is used

Correct



The loss metric that is optimized

Correct



The input function that is used

Un-selected is correct



The set of evaluation metrics

Correct