

✓ C	ong	ratulations! You passed! Next Item
1/1 point	1.	What are some of the key goals of the estimator API? Create production-ready machine learning models using an API Train on large datasets that do not fit in memory Quickly monitor your training metrics in Tensorboard All of the above Correct
1/1 point	2.	What is one of the largest benefits of the estimator API? It automatically tunes your ML model hyperparameters for you It requires you to specify which hardware you will run on for the best performance It abstracts away boilerplate code which saves you time Correct
1/1 point	3.	What is the right way to call a linear regression model with tf.estimator? tf.estimator.line_model tf.estimator.regression tf.estimator.LinearRegressor correct tf.estimator.LinearClassifier
1/1 point	4.	Inputs to the estimator model are in the form of: BigQuery datasets scalars hyperparameters feature columns Correct
1/1 point	5.	Numeric inputs can be passed to a linear regressor as-is, but categorical columns are often: Not used, only numeric values can be passed Uniformly distributed and aggregated first One-hot encoded Correct Cleansed because of duplicate records

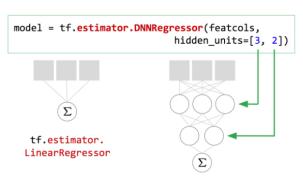




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 In this example, what extra parameters does the DNNRegressor take that the LinearRegressor doesn't?





hidden_units

Correct

- featcols
- regression
- neurons



 $\$. \hspace{0.5cm}$ In what situation do you have to delete the model directory before starting training?



If you have changed the model structure from the previous time, for example, you used a DNNRegressor with [64,32] last time and now you are using [32, 16]

Correct

The old checkpoints are no longer valid for your new model structure. So, you have to start afresh $\,$

- If your model is not performing well enough and you need to train for more epochs or with additional examples
- If you want to automatically checkpoint from an earlier saved model

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9. What is the difference between steps and max_steps?



	Steps means "train these many additional steps". max_steps means "train up to these many steps total, starting from how many ever steps have been completed so far"
Corr	ect
	There is no difference
	Steps means "train this many steps total". max_steps means "train these many additional steps"

6 P P