

✔ **Congratulations! You passed!**

Grade received **87.50%** To pass 80% or higher

Go to next item

1. What is the name of the tf.data class that represents a sequence of elements, in which each item consists of one or more components?

1 / 1 point

☐ tf.data.data.Set

☐ tf.data.Sequence

☐ tf.dataset.Data

☒ tf.data.Dataset

✔ **Correct**

2. Which of these are types of feature column (choose 2)?

0 / 1 point

☒ Categorical Column

✔ **Correct**

☐ Integer Column

☐ Dense Column

☒ Data Column

✘ **This should not be selected**

3. If you want to map a person’s birth year to a decade, what’s the best column type to use?

1 / 1 point

☐ YearColumn

☐ StringColumn

☐ DecadeColumn

☒ BucketizedColumn

✔ **Correct**

4. You have a list of vocabulary words, and you want to one-hot encode them to a column. What’s the appropriate type?

1 / 1 point

- ☒ tf.feature\_column.categorical\_column\_with\_vocabulary\_list
- ☐ Tf.feature\_column.categorical\_column\_with\_list\_vocabulary
- ☐ tf.feature\_column.categorical\_column\_with\_list
- ☐ tf.feature\_column.categorical\_column\_with\_vocab

✔ Correct

5. How do you turn a Numpy array into a Dataset?

1 / 1 point

- ☐ Using from\_numpy\_array
- ☐ Using load\_numpy
- ☐ Using load\_tensors\_from\_numpy
- ☒ Using from\_tensor\_slices

✔ Correct

6. When using pandas, how do you automatically one-hot encode a column?

1 / 1 point

- ☒ Using pd.Categorical
- ☐ Using pd.OneHot
- ☐ Using pd.Category
- ☐ Using pd.Encode.Category

✔ Correct

7. What experimental API allows you to quickly turn a CSV into a dataset?

1 / 1 point

- ☐ tf.data.experimental.make\_dataset
- ☐ tf.data.experimental.csv\_dataset
- ☒ tf.data.experimental.make\_csv\_dataset
- ☐ tf.data.experimental.make\_csv

✔ Correct

8. What API is used to load text from a file into a dataset?

1 / 1 point

- ☒ tf.data.**TextLineDataset**
- ☐ tf.dataset.**TextDataset**
- ☐ tf.data.**TextDataset**
- ☐ tf.data.**LineDataset**

✔ Correct