✓ **Congratulations! You passed!**

Grade received 100%   To pass 80% or higher

[Go to next item]

Week 3 Quiz

Total points 8

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.dataset.Data

○ tf.data.Sequence

◉ tf.data.Dataset

✓ **Correct**

2. Which of these are types of feature column (choose 2)?   **1 / 1 point**

☑ Categorical Column

✓ **Correct**

☐ Integer Column

☑ Dense Column

✓ **Correct**

☐ Data Column

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**

○ DecadeColumn

○ YearColumn

◉ BucketizedColumn

○ StringColumn

✓ **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_list

○ tf.feature_column.categorical_column_with_vocab

○ tf.feature_column.categorical_column_with_vocabulary_list

○ Tf.feature_column.categorical_column_with_list_vocabulary

✓ **Correct**

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5. How do you turn a Numpy array into a Dataset?   1 / 1 point

○ Using load_tensors_from_numpy

◉ Using from_tensor_slices

○ Using from_numpy_array

○ Using load_numpy

✓ **Correct**

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6. When using pandas, how do you automatically one-hot encode a column?   1 / 1 point

○ Using pd.Category

○ Using pd.OneHot

◉ Using pd.Categorical

○ Using pd.Encode.Category

✓ **Correct**

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7. What experimental API allows you to quickly turn a CSV into a dataset?   1 / 1 point

○ tf.data.experimental.**make_csv**

◉ tf.data.experimental.**make_csv_dataset**

○ tf.data.experimental.**make_dataset**

○ tf.data.experimental.**csv_dataset**

✓ **Correct**

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8. What API is used to load text from a file into a dataset?   1 / 1 point

○ tf.data.**TextDataset**

◉ tf.data.**TextLineDataset**

○ tf.data.**LineDataset**

○ tf.dataset.**TextDataset**

✓ **Correct**