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1. You used a sunspots dataset that was stored in CSV. What's the name of the Python library used to read CSVs?   **1 / 1 point**

○ py_files

○ CommaSeparatedValues

◉ csv

○ py_csv

✓ **Correct**

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2. Why is MAE a good analytic for measuring accuracy of predictions for time series?   **1 / 1 point**

○ It punishes larger errors

○ It only counts positive errors

○ It biases towards small errors

◉ It doesn't heavily punish larger errors like square errors do

✓ **Correct**

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3. What is the expected input shape for a univariate time series to a Conv1D?   **1 / 1 point**

○ (1, window_size)

○ ()

○ (1,)

◉ (window_size, 1)

✓ **Correct**

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4. When you read a row from a reader and want to cast column 2 to another data type, for example, a float,   **1 / 1 point**
what's the correct syntax?

○ float f = row[2].read()

○ You can't. It needs to be read into a buffer and a new float instantiated from the buffer

○ Convert.toFloat(row[2])

◉ float(row[2])

✓ Correct

5. How do you add a 1 dimensional convolution to your model for predicting time series data?   **1 / 1 point**

○ Use a ConvolutionD1 layer type

◉ Use a Conv1D layer type

○ Use a 1DConvolution layer type

○ Use a 1DConv layer type

✓ Correct

6. If your CSV file has a header that you don't want to read into your dataset, what do you execute before   **1 / 1 point**
iterating through the file using a 'reader' object?

○ reader.read(next)

○ reader.ignore_header()

○ reader.next

◉ next(reader)

✓ Correct

7. After studying this course, what neural network type do you think is best for predicting time series like our   **1 / 1 point**
sunspots dataset?

○ Convolutions

◉ A combination of all other answers

○ DNN

○ RNN / LSTM