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1.Question 1

How do you add a 1 dimensional convolution to your model for predicting time series data?

Use a Conv1D layer type

2.Question 2

What's the input shape for a univariate time series to a Conv1D?

(none,1)

[3.Question 3

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

CSV

4.Question 4

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

next(reader)

5.Question 5

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

float(row[2])

6.Question 6

What was the sunspot seasonality?

11 or 22 years depending on who you ask

7.Question 7

After studying this course, what neural network type do you think is best for predicting time series like our sunspots dataset?

A combination of all of the above

8.Question 8

Why is MAE a good analytic for measuring accuracy of predictions for time series?

It doesn’t heavily punish larger errors like square errors do

END