

Introduction

Sequences and Prediction

✓

Video: Time series examples

4 min

✓

Video: Machine learning applied to time series

1 min

✓

Video: Common patterns in time series

5 min

✓

Video: Introduction to time series

4 min

✓

Reading: Introduction to time series notebook

10 min

✓

Video: Train, validation and test sets

3 min

✓

Video: Metrics for evaluating performance

2 min

✓

Video: Moving average and differencing

2 min

✓

Video: Trailing versus centered windows

1 min

✓

Video: Forecasting

4 min

✓

Reading: Forecasting notebook

10 min

✓

Quiz: Week 1 Quiz

9 questions

✓

Reading: Week 1 Wrap up

10 min

Weekly Exercise-Create and predict synthetic data

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☑

Congratulations! You passed!


QUIZ

TO PASS 80% or higher

Keep Learning

GRADE

100%



**Get closer to your goal**  
You are **88%** more likely to complete the course if you finish the assignment

Week 1 Quiz

LATEST SUBMISSION GRADE

100%

1.

What is an example of a Univariate time series?

1 / 1 point

Try again

☑

Submit your assignment

DUE DATE Sep 14, 12:29 PM IST

☐ Hour by hour weather

☑

Receive grade

TO PASS 80% or higher

☒ Hour by hour temperature

☐ Fashion items

☐ Baseball scores

☑

Correct

2.

What is an example of a Multivariate time series?

1 / 1 point

☐ Fashion items

☒ Hour by hour weather

☐ Hour by hour temperature

☐ Baseball scores

☑

Correct

3.

What is imputed data?

1 / 1 point

☒ A projection of unknown (usually past or missing) data

☐ A bad prediction of future data

☐ A good prediction of future data

☐ Data that has been withheld for various reasons

☑

Correct

4.

A sound wave is a good example of time series data

1 / 1 point

☒ True

☐ False