◀ Lesson 4:
     Decision Trees

≡   Lesson Review

SEARCH   🔍

RESOURCES   ▲

CONCEPTS

✓   11. Quiz: Do You Know Your Entr…

✓   12. Exercise: Multiclass Entropy

✓   13. Quiz: Information Gain

✓   14. Quiz Solution: Information Gain

✓   15. Maximizing Information Gain

✓   16. Exercise: Calculating Informat…

✓   17. Hyperparameters

✓   18. Exercise: Decision Trees in skl…

✓   19. Exercise : Titanic Survival Mo…

✓   20. Exercise: Titanic Survival Mod…

✓   21. Lesson Review

💡   Mentor Help
     Ask a mentor on our Q&A platform

Lesson Review

Congratulations! In this section, you learned all about decision trees, and how to
predictions. This included the following topics.

- Recommendation applications
- Entropy
- Information gain
- Hyperparameters
- Decision trees in sklearn

In the next section, we are going to learn more about some of the concepts we a
section—how to test and evaluate your model to see how it's performing. See yo

Glossary

Key Term	Definition
Entropy	The amount of freedom that a data point has to move ar
Hyperparameter	Different aspects of a decision tree, such as depth, that create decision trees that generalize well to new problem
Information gain	Difference in entropy between the parent node and the the children in a decision tree.