

 **Congratulations! You passed!**

Grade received 100% To pass 80% or higher

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1. What term describes the subclass of machine learning algorithms that offers relevant suggestions to users?

1 / 1 point

- ☐ Suggestion maps
- ☐ Data models
- ☐ Sensor techniques
- ☒ Recommendation systems

 **Correct**

Recommendation systems are a subclass of machine learning algorithms that offer relevant suggestions to users.

2. Content-based systems are very effective at making recommendations across content types.

1 / 1 point

- ☐ True
- ☒ False

 **Correct**

Content-based systems are ineffective at making recommendations across content types. This is because different content types rarely share the same features, so user preferences about one content type often cannot be applied to another.

3. Fill in the blank: When several users actively like or dislike content by rating it or giving it a review, this enables \_\_\_\_\_ filtering.

1 / 1 point

- ☐ preferential
- ☒ collaborative
- ☐ crowdsourced
- ☐ merit-based

 **Correct**

When several users actively like or dislike content by rating it or giving it a review, this enables collaborative filtering. A recommendation system using collaborative filtering makes comparisons based on who else likes a piece of content. Then, it will suggest that same content to others with similar preferences.