

<u>Unit 4 Unsupervised Learning (2</u>

<u>Course</u> > <u>weeks</u>)

> Lecture 13. Clustering 1 > 3. Introduction to Clustering

## 3. Introduction to Clustering Introduction to Clustering



So, again, what were the three steps when I did the computation?

I found out a representation of the stories, which

was bag-of-words approach.

Then we need to decide how to compare each of these representations, in this case vectors.

And the third one is to do the clustering algorithm itself.

Now let's move to another example.

End of transcript. Skip to the start.

Video

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Transcripts

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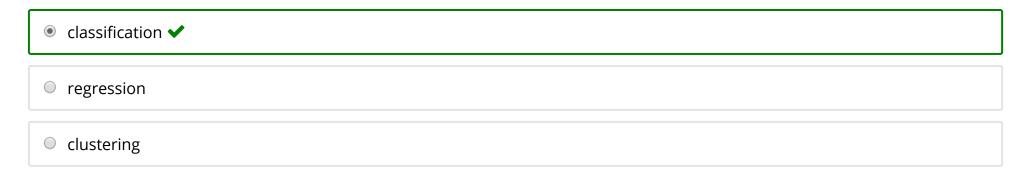
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## Different types of machine learning problems

3/3 points (graded)

1. We'd like to classify news articles into three predetermined categories–politics, sports, and entertainment. Among the following, which machine learning problem is this?



2. we'd like to partiton Google News articles into three sets of similar articles. Among the following, which machine learning problem is this?

<ul><li>classification</li></ul>		
<ul><li>regression</li></ul>		
<ul><li>clustering </li></ul>		

	<ul> <li>classification</li> </ul>	
	<ul><li>● regression </li></ul>	
	<ul><li>clustering</li></ul>	
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