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Machine Learning with Python–From Linear Models to Deep Learning

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7. Different Kinds of Supervised Learning: classification vs regre

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Exercises due Feb 15, 2023 08:59 -03   Completed
classification vs regression

▶   **0:00 / 0:00**   ▸ **1.0x**

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Classification maps **feature vectors** to **categories**. The number of categories need no
as many as needed. **Regression** maps feature vectors to **real numbers**. There are othe
learning as well.

For a more thorough statistical background on classification and regression, please che
links. Classification Regression

Classification or Regression? 1

1/1 point (graded)
Question 1: We want to come up with a classifier that classifies each news article into
categories: politics, sports, entertainment. Is this a classification problem or a regressio

◉   classification

(●) regression

✔

Submit   You have used 1 of 3 attempts

Different Types of Learning

1.0/1.0 point (graded)
Choose the type of learning that best corresponds to each of the following statements.

1)Labelled training and test examples

(●) supervised learning

(○) unsupervised learning

(○) semi-supervised learning

(○) active learning

(○) transfer learning

(○) reinforcement learning

✔

2)Using knowledge from one task to solve another task

(○) supervised learning

(○) unsupervised learning

(○) semi-supervised learning

(○) active learning

(●) transfer learning

◉ reinforcement learning

✔

4)Deciding which examples are needed to learn

◯ supervised learning

◯ unsupervised learning

◯ semi-supervised learning

◉ active learning

◯ transfer learning

◯ reinforcement learning

✔

5)Data with no annotation

◯ supervised learning

◉ unsupervised learning

◯ semi-supervised learning

◯ active learning

◯ transfer learning

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◯ reinforcement learning

✔

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💬 **Wikipedia resource**

How do you put wikipedia as referance ? as acadimic course ?!!!!

💬 **The first two questions with 2 options but 3 attempts. :)**

The first two questions with 2 options but 3 attempts. :)

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