



## Microsoft: DAT210x Programming with Python for Data Science



Bookmarks

- ▶ Start Here
- ▶ 1. The Big Picture
- ▶ 2. Data And Features
- ▶ 3. Exploring Data
- ▶ 4. Transforming Data

## ▼ 5. Data Modeling

Lecture: Clustering  
Quiz



Lab: Clustering  
Lab



Lecture: Splitting Data  
Quiz



Lecture: K-Nearest  
Neighbors  
Quiz



Lab: K-Nearest Neighbors

## 5. Data Modeling &gt; Lecture: Regression &gt; Knowledge Checks



Bookmark

## Review Questions

(1/1 point)

Which of the following statements makes the most sense?

- ☐ Linear regression helps you answer categorical questions
- ☒ Linear regression can work with categorical features as inputs ✓
- ☐ Linear regression uses the same calculation that PCA does to get the shortest distance to a line / hyperplane
- ☐ Linear regression allows you to extrapolate data more accurately than it allows you to interpolate it

## EXPLANATION

Linear regression is used to predict continuous valued features, however it can handle discrete, categorical features as inputs.

Lab

**Lecture: Regression**

Quiz

**Lab: Regression**

Lab

**Dive Deeper***You have used 1 of 2 submissions*

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