



[The Statistical Sommelier: An](#)

[Course](#) > [Unit 2: Linear Regression](#) > [Introduction to Linear Regression](#) >

Quick Question

Audit Access Expires Aug. 12, 2019

You lose all access to this course, including your progress, on Aug. 12, 2019.

Quick Question

Quick Question

2/2 points (graded)

Use the dataset wine.csv to create a linear regression model to predict Price using HarvestRain and WinterRain as independent variables, like you did in the previous quick question. Using the summary output of this model, answer the following questions:

Is the coefficient for HarvestRain significant?

☒ Yes ✓

☐ No

☐ I can't answer this question using the summary output.

Is the coefficient for WinterRain significant?

☐ Yes

☒ No ✓

☐ I can't answer this question using the summary output.

Explanation

You can create the model and look at the summary output with the following command:

```
model = lm(Price ~ WinterRain + HarvestRain, data=wine)
summary(model)
```

From the summary output, you can see that HarvestRain is significant (two stars), but WinterRain is not (no stars).

Submit

You have used 2 of 2 attempts

i Answers are displayed within the problem