✅ **Congratulations! You passed!**

Grade received 100%	Latest Submission Grade 100%	To pass 80% or higher	

Go to next item

This is the rubric for the Course 5 end-of-course project. The rubric was designed to be applicable to all of the project scenarios. You will use this rubric to review and grade your own work. The rubric grading process is an important part of the learning experience because it allows you to *objectively* assess your end-of-course project against a set of criteria.

There are a total of 13 points for the end-of-course project and 13 items in this rubric. Each rubric item is worth 1 point. The items are grouped by topic and correspond to each step you completed for the Course 5 end-of-course project.

To use the rubric, first open your workplace scenario notebook, executive summary, and PACE strategy document. Next, review each rubric item's grading criteria. Then respond to each statement by marking "yes" or "no."

When you complete and submit the rubric, you will receive a percentage score. This score will help you confirm whether you completed the required steps of the end-of-course project; the recommended passing grade for this project is 80% (or 11/13 points). If you want to increase your score, you can revise your project and then resubmit this rubric to reflect any changes you make. Try to achieve at least 11 points on this rubric before continuing on to the next course.

Imports

The following rubric items assess the imports for your end-of-course project.

1. Applicable packages and libraries were imported to the code notebook.   1 / 1 point

- ⦿ Yes
- ◯ No

✅ Correct

Data Analysis

The following rubric items assess the data analysis work you completed for your end-of-course project.

2. The purposes of EDA were identified before constructing a regression model.   1 / 1 point

- ⦿ Yes
- ◯ No

✅ Correct

3. Functions such as head(),info(), and describe() were applied during EDA.   1 / 1 point

- ⦿ Yes
- ◯ No

✅ Correct

Visualizations and Modeling

The following rubric items assess the visualizations and models you created for your end-of-course project.

4. Visualizations were generated to identify outliers for key variables.   1 / 1 point

- ⦿ Yes
- ◯ No

✅ Correct

5. Visualizations were generated to examine correlations between key variables.   1 / 1 point

- ⦿ Yes
- ◯ No

✅ Correct

6. X and Y variables were set.   1 / 1 point

- ⦿ Yes
- ◯ No

✅ Correct

7. The assumptions for the regression model were checked.   1 / 1 point

- ⦿ Yes
- ◯ No

✅ Correct

8. The regression model was evaluated.   1 / 1 point

- ⦿ Yes
- ◯ No

✓ **Correct**

9. Data visualizations were generated to show regression model results.   `1 / 1 point`

◉ Yes

◯ No

> ✓ **Correct**

Results and/or Evaluation

The following rubric items assess the concluding steps of your end-of-course project, including evaluation and summary of findings.

10. All questions in the code notebook were answered.   `1 / 1 point`

◉ Yes

◯ No

> ✓ **Correct**

11. All questions in the PACE strategy document were answered.   `1 / 1 point`

◉ Yes

◯ No

> ✓ **Correct**

12. The executive summary included a summary of the regression assumptions.   `1 / 1 point`

◉ Yes

◯ No

> ✓ **Correct**

13. The executive summary identified the outcome of the work completed for this data project.   `1 / 1 point`

◉ Yes

◯ No

> ✓ **Correct**