

# Unit 5: Assignment

Due: Sun Apr 20, 2025 11:59pm

80 Points Possible

Attempt 1



In Progress

**NEXT UP: Submit Assignment**



Add Comment

**Unlimited Attempts Allowed**

▼ **Details**



PARK  
UNIVERSITY

## ASSIGNMENT



### Directions

Take the dataset you have been using and perform clustering on it. If you have categorical variables, you can use pandas get\_dummies to turn them into numeric variables. Include the following.

- Run a k-means clustering algorithm on the data. Discuss how you determined the number of clusters.
- Create a visual of the cluster results.
- Provide summary stats for each cluster.
- Describe what each cluster tells you.



### Criteria for Success

- You can reference the attached rubric that I will use to grade this assignment. As always, let me know if you have questions!

- Due Sunday, 11:59 p.m., CT.

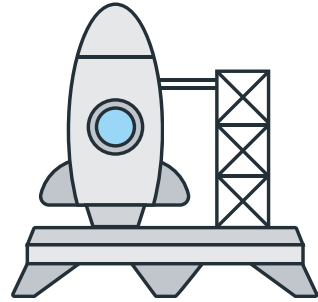
✓ **View Rubric**

Assignment Rubric				
Criteria				Points
Content organization and relevance	<b>Excellent</b>	<b>Average</b>	<b>Insufficient</b>	/30 pts
	Content is well organized and relevant to the assignment.  25.1 to 30 pts	Content organization has minor issues; or/and minor parts of the assignment are missing.  15.1 to 25 pts	Content is poorly organized, or irrelevant to the assignment.  15 pts	
Writing and APA style	<b>Excellent</b>	<b>Average</b>	<b>Insufficient</b>	/10 pts
	The content is well-written, sources are properly referred in APA style when applicable.  7.1 to 10 pts	The content has minor writing issues, or there are minor issues with reference formatting.  5.1 to 7 pts	The writing is poor. APA format is ignored when applicable.  5 pts	
Methodology	<b>Excellent</b>	<b>Average</b>	<b>Insufficient</b>	/40 pts
	Methodology appropriate for the task has been fully followed  30.1 to 40 pts	Minor issues with the methodology  20.1 to 30 pts	Major issues with the methodology  20 pts	

**Choose a submission type**

Upload

More



Drag a file here, or

Choose a file to upload

or

 Webcam Photo

 Canvas Files

[< Previous](#)

<https://canvas.park.edu/courses/85581/modules/items/6163570>

Submit Assignment

[Next >](#)

<https://canvas.park.edu/courses/85581/modules/items/616357>