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# Programming Assignment: Unsupervised Learning

You have not submitted. You must earn 1/1 points to pass.

**Deadline** Pass this assignment by October 21, 11:59 PM PDT

## Instructions

[My submission](#)

[Discussions](#)

Cluster data you've generated yourself!

The purpose of this programming assignment is to learn how to cluster a data set. You will use the data set you've created from the Week 2's assignment.

Here a summary what you will do.

1. Using the data generated from last week's assignment you'll discover clusters for different movement patterns
2. Train and tune an Apache SparkML clustering algorithm
3. Submit your cluster predictions to the grader

Please understand that in the discussion forum we can only support learners on the IBM Cloud – since we know this environment very well and it is the same for all learners.

Since you are reusing already generated data, you are all settled to implement your clustering notebook and submit your solution to the grader by importing the following notebook into Watson Studio and follow the instructions there.



Again, you can have a look at the notebook here:

[https://github.com/IBM/coursera/blob/master/coursera\\_ml/AssignmentML3.ipynb](https://github.com/IBM/coursera/blob/master/coursera_ml/AssignmentML3.ipynb)

## How to submit

Copy the token below and run the submission script included in the assignment download. When prompted, use your email address **gpudja@gmail.com**.

Generate new token

Your submission token is unique to you and should not be shared with anyone. You may submit as many times as you like.

