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Week 7

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Assignment: Support Vector Machines

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ex6 Test Case for gaussianKernel()

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Tom Mosher Mentor Week 7 · 3 years ago · Edited

```
1  gaussianKernel([1 2 3], [2 4 6], 3)
2
3  % result
4  ans =  0.45943
```

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A couple more test cases (for sanity)...

```
 1  % Verify that the same point returns 1
 2  >> gaussianKernel([1 1], [1 1], 1)
 3
 4  ans =
 5
 6      1
 7
 8  % Verify that disimilar points return 0 (or close to it)
 9  >> gaussianKernel([1 1], [100 100], 1)
10
11  ans =
12
13      0
```

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are there any test cases ?

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        That is the test case.

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