**Tweet 1:** *I love the world!*

**Tweet 2:** *I hate the world!*

**Tweet 3:** *I am indifferent about the world.*



**CountVectorizer**

**TfidfTransformer**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | love | hate | am | indifferent | about | the | world |
| Tweet 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| Tweet 2 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| Tweet 3 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | love | hate | am | indifferent | about | the | world |
| Tweet 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| Tweet 2 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| Tweet 3 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | I | love | hate | am | indifferent | about | the | world |
| Tweet 1 | 0.41 | 0.70 | 0 | 0 | 0 | 0 | 0.41 | 0.41 |
| Tweet 2 | 0.41 | 0 | 0.70 | 0 | 0 | 0 | 0.41 | 0.41 |
| Tweet 3 | 0.29 | 0 | 0 | 0.50 | 0.50 | 0.50 | 0.29 | 0.29 |

|  |
| --- |
| class |
| 0 |
| 2 |
| 4 |



