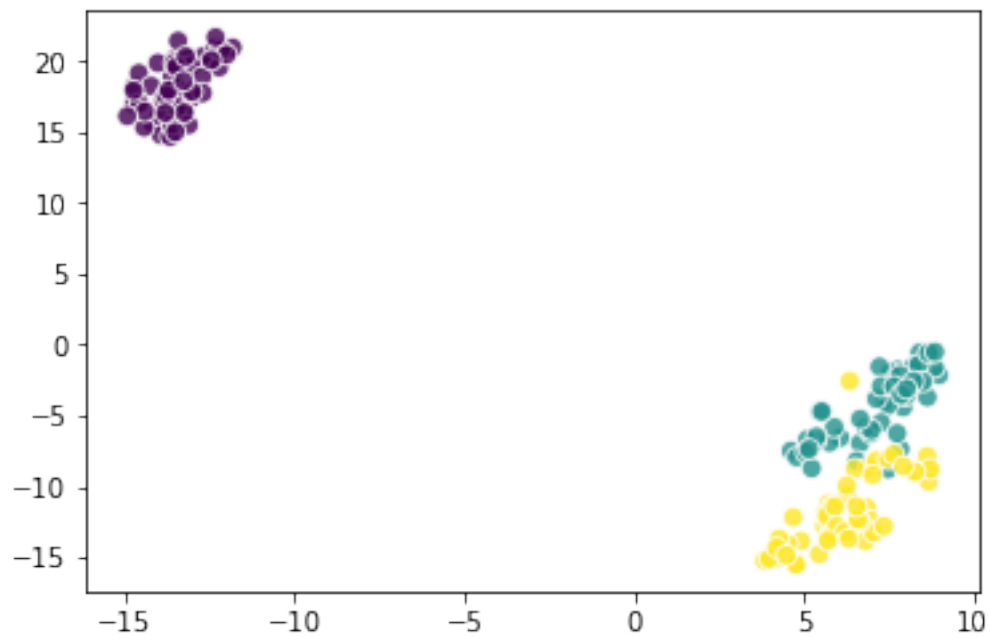


t-sne algorithm

January 19, 2019

```
In [2]: #T-distributed Stochastic Neighbor Embedding is a machine learning algorithm for visualizing high-dimensional data  
from sklearn.manifold import TSNE  
from sklearn.datasets import load_iris  
import matplotlib.pyplot as plt  
iris = load_iris()  
X, y = iris.data, iris.target  
X_tsne = TSNE(n_components = 2).fit_transform(X)  
plt.scatter(X_tsne[:, 0], X_tsne[:, 1], c=y, alpha=0.8, s=60, marker='o', edgecolors='r')  
plt.show()
```



```
In [ ]:
```