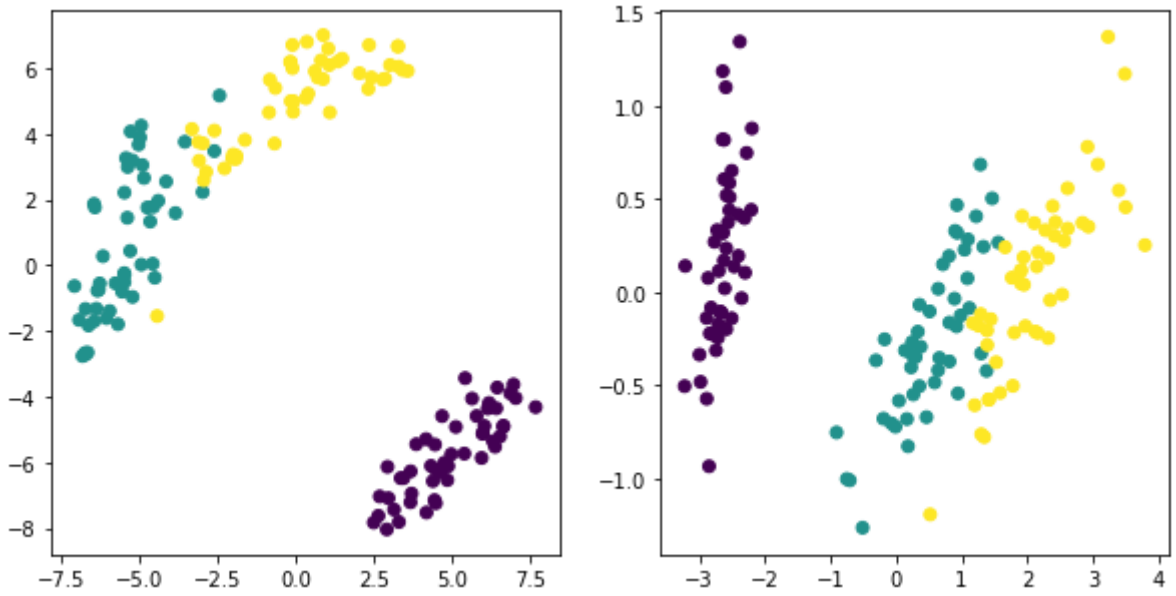
In [10]:
```
from sklearn.datasets import load_iris
from sklearn.decomposition import PCA
from sklearn.manifold import TSNE
import matplotlib.pyplot as plt
%matplotlib inline
```

In [14]:
```
iris = load_iris()
X_tsne = TSNE(learning_rate=100).fit_transform(iris.data)
X_pca = PCA().fit_transform(iris.data)
```

In [15]:
```
plt.figure(figsize=(10, 5))
plt.subplot(121)
plt.scatter(X_tsne[:, 0], X_tsne[:, 1], c=iris.target)
plt.subplot(122)
plt.scatter(X_pca[:, 0], X_pca[:, 1], c=iris.target)
```

Out[15]: <matplotlib.collections.PathCollection at 0x19afaee2400>



In [ ]: