

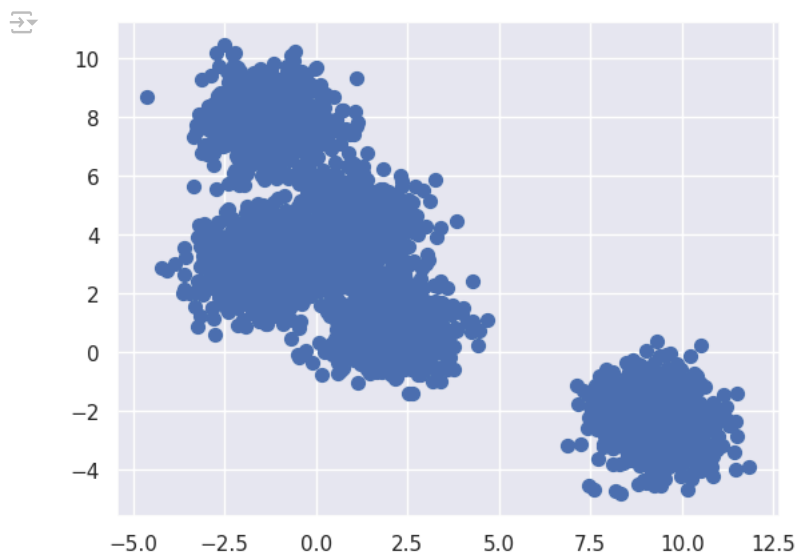
k-Means Clustering

▼ K-MEANS

```
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```
%matplotlib inline
import matplotlib.pyplot as plt
import seaborn as sns; sns.set()
import numpy as np
```

```
from sklearn.datasets import make_blobs
X, y_true = make_blobs(n_samples=3000, centers=5,
                       cluster_std=0.90, random_state=0)
plt.scatter(X[:, 0], X[:, 1], s=50);
```



```
from sklearn.datasets import make_blobs
X, y_true = make_blobs(n_samples=3000, centers=8,
                       cluster_std=0.90, random_state=0)
plt.scatter(X[:, 0], X[:, 1], s=50);
```

