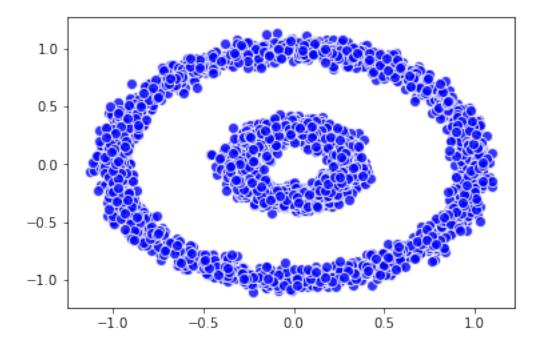
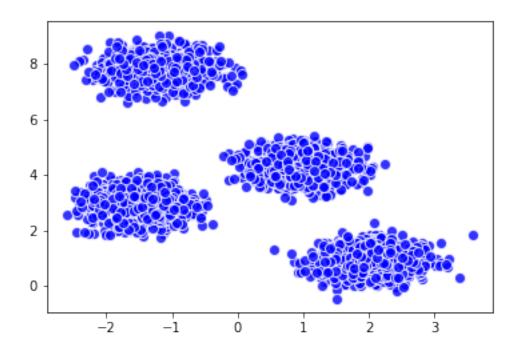
K_means_and_dbscan

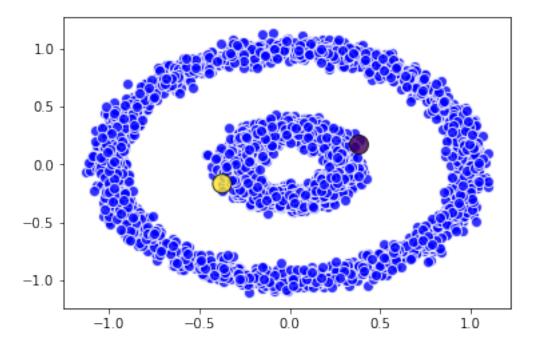
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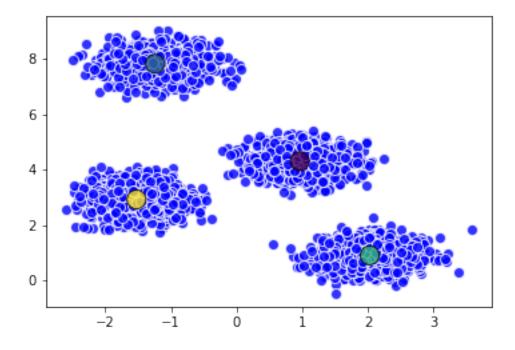
```
In [8]: %matplotlib inline
import numpy as np
import matplotlib.pyplot as plt
from sklearn import datasets
N_samples = 4000
dataset_1 = np.array(datasets.make_circles(n_samples=N_samples, noise=0.05,factor=0.3)
dataset_2 = np.array(datasets.make_blobs(n_samples=N_samples,centers=4, cluster_std=0.4)
```

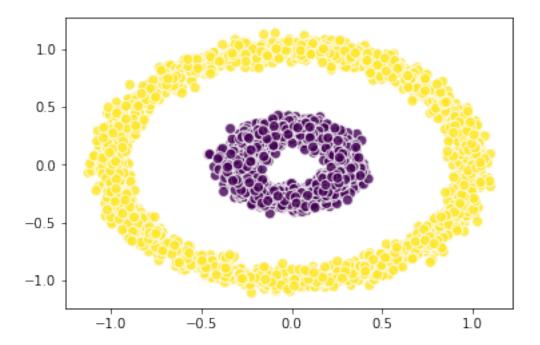


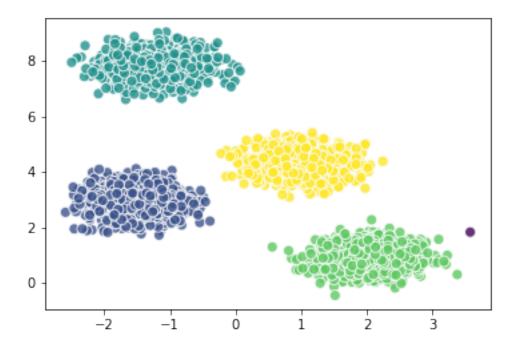


```
In [12]: from sklearn.cluster import KMeans
k_dataset_1 = 2
km_1 = KMeans(n_clusters=k_dataset_1)
labels_1 = km_1.fit(dataset_1).labels_
```









In []: