CS564 - Foundations of Machine Learning

Assignment - 2 : DBSCAN

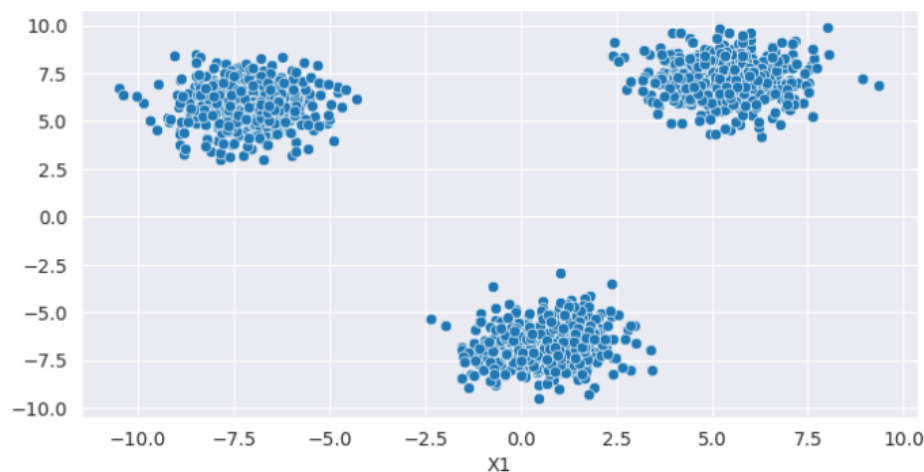Tarusi Mittal   1901CS65

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Model Code:

- The google collab notebook can be found at :
  https://colab.research.google.com/drive/1k8IeKl8a73bJ5y0otXk2kUXJ7eG9B0q3?usp=sharing
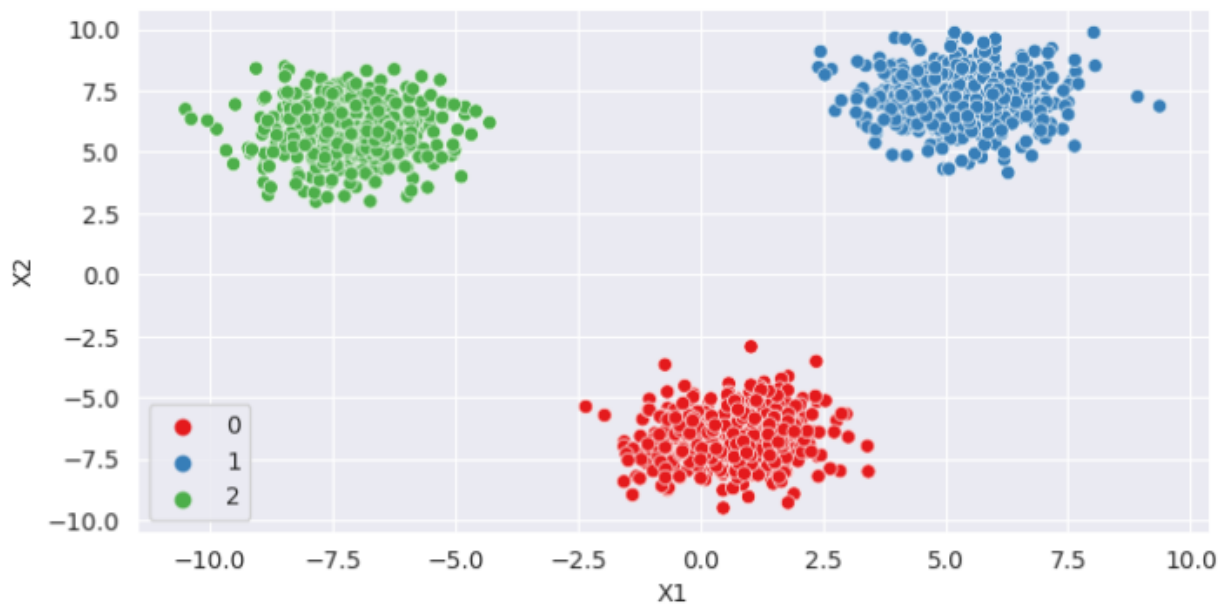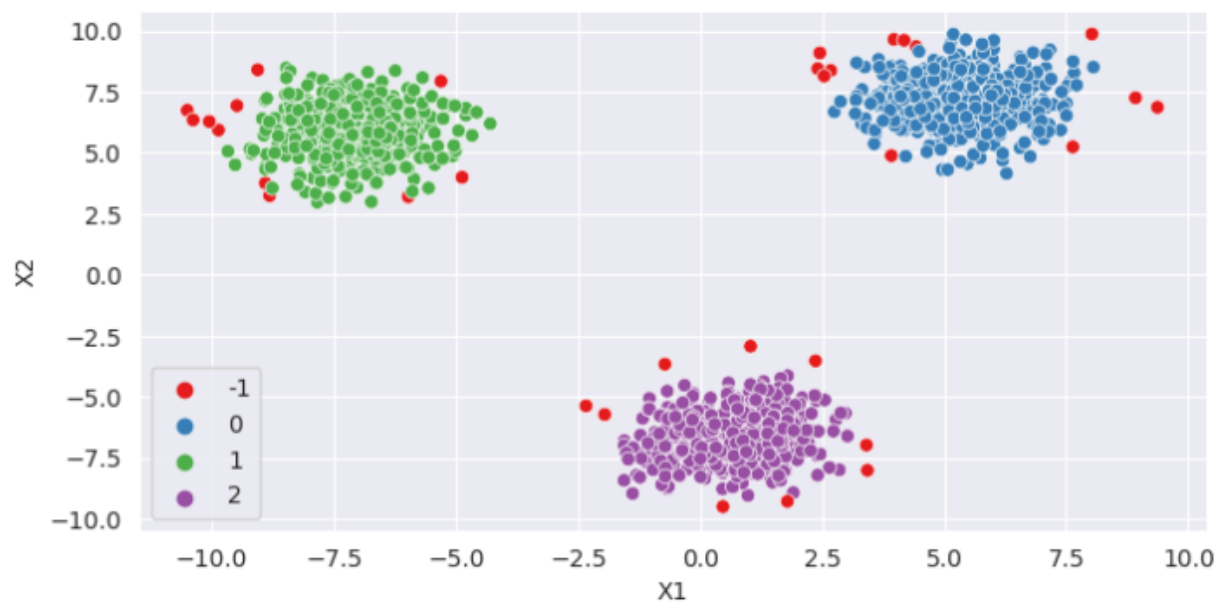
Blobs Dataset:

Original Cluster:
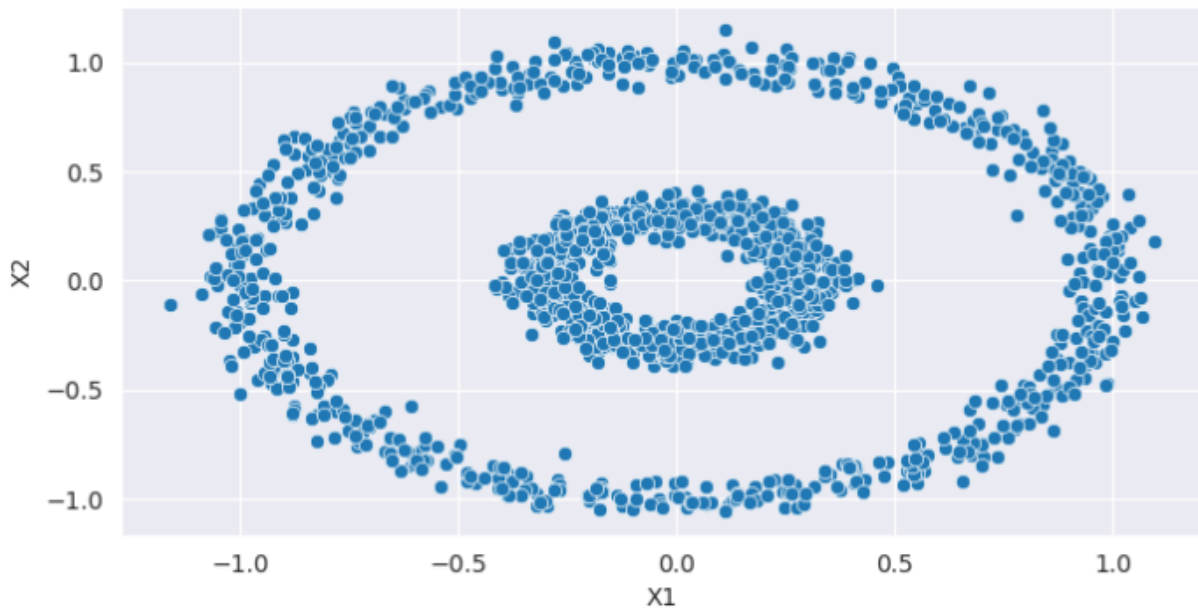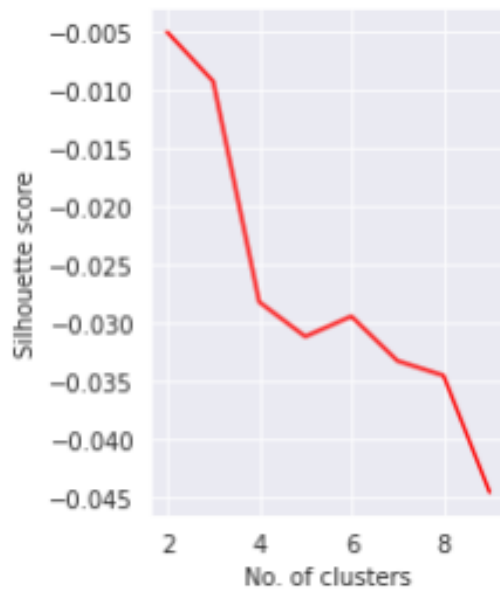

Silhouette Index

KMeans V/S DBSCAN

KMeans

DBSCAN

Circles Dataset:

Original Cluster:

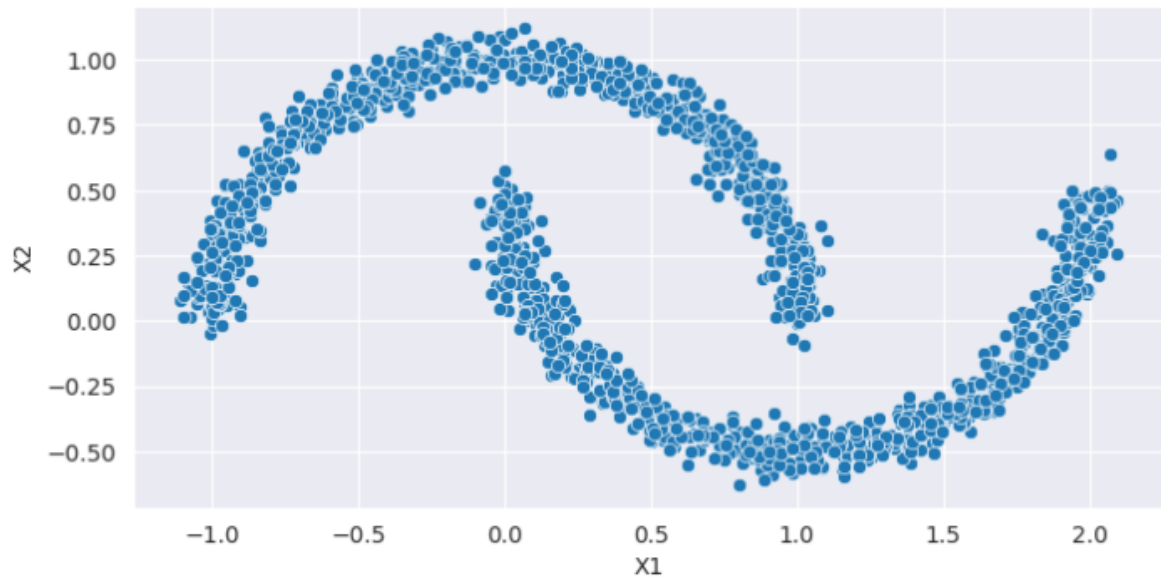**Silhouette Index**
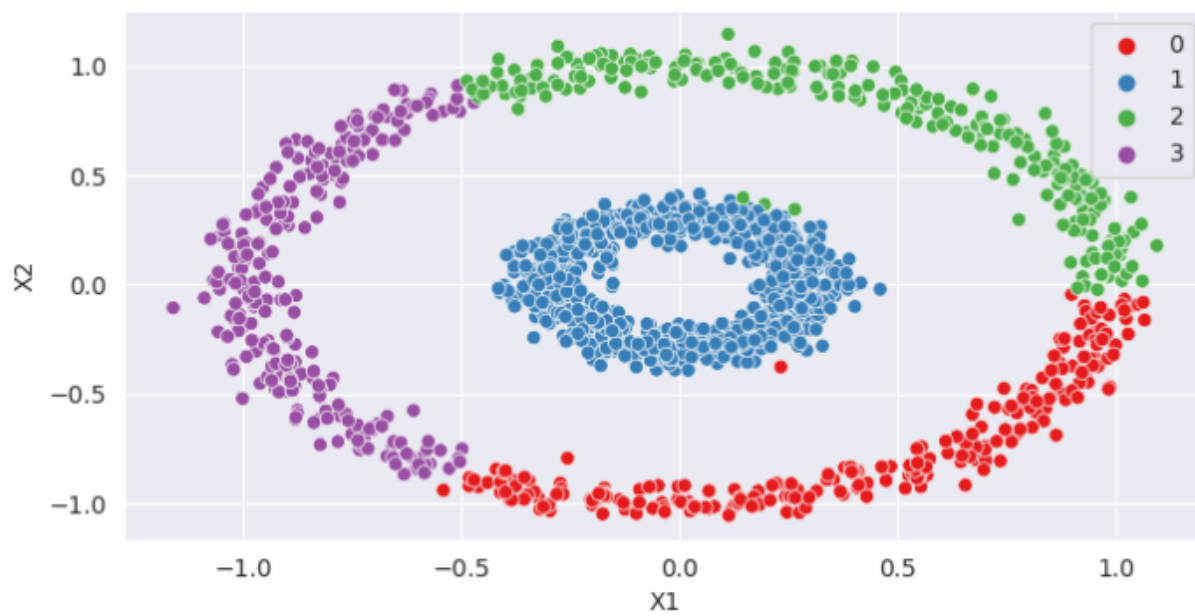
KMeans V/S DBSCAN
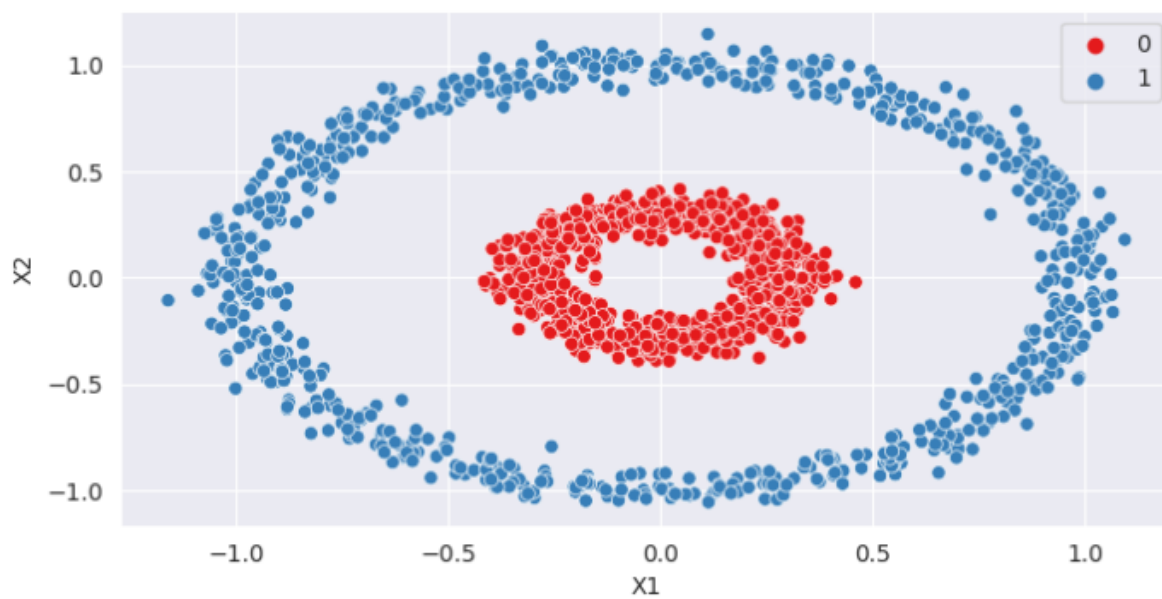
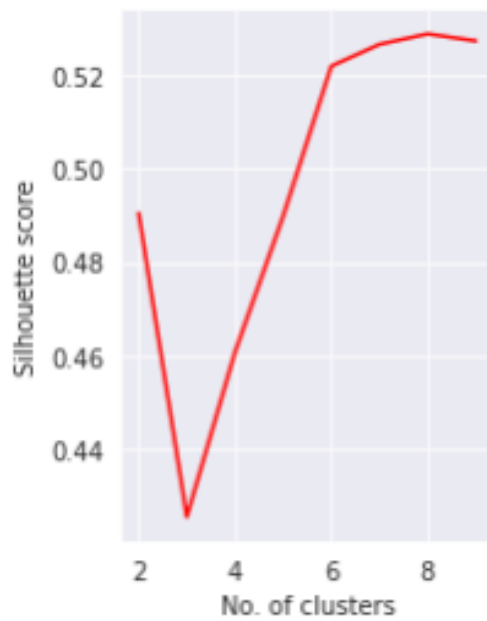

KMeans

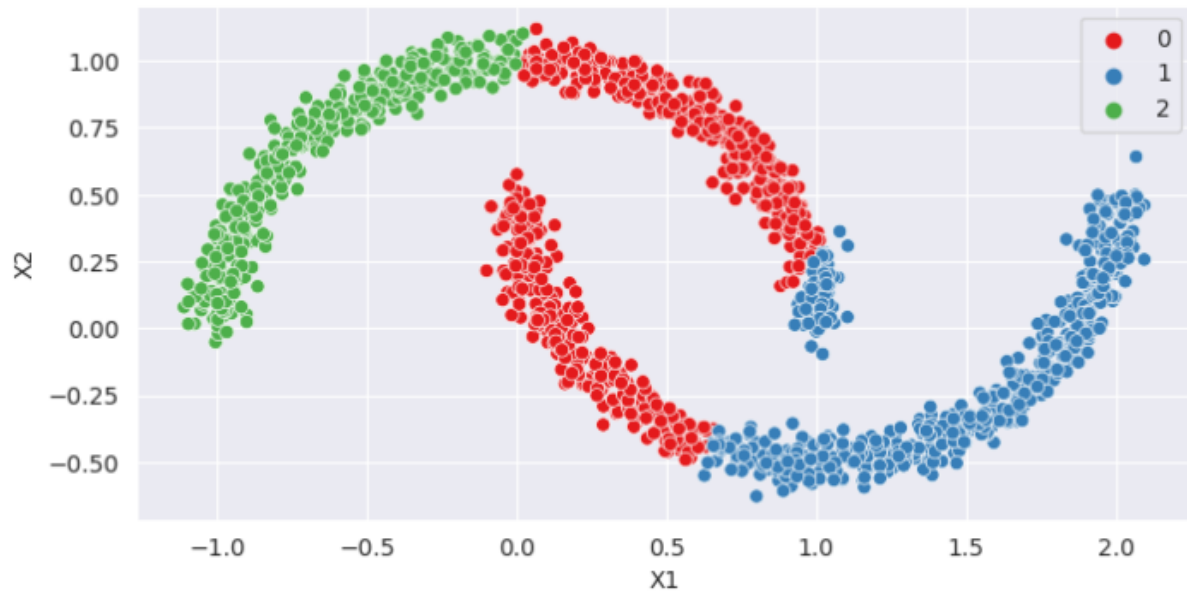**DBSCAN**

Moons Dataset:

Original Cluster:

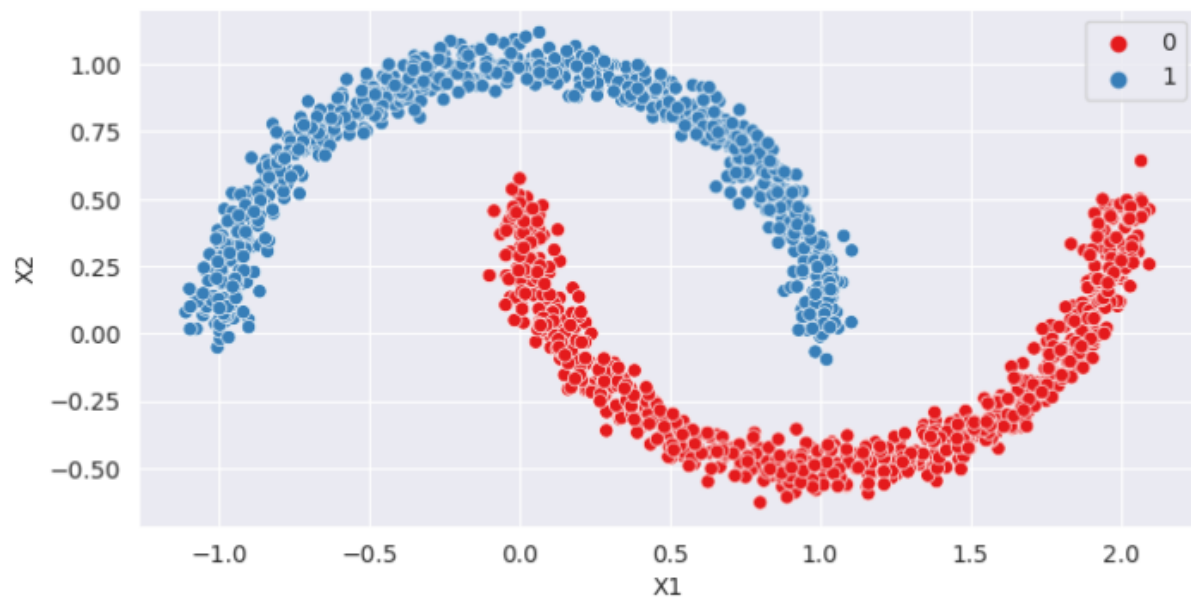## Silhouette Index

KMeans V/S DBSCAN

KMeans

DBSCAN

-X-X-X-X-X-X-X-X-X-X-X-X- - - - END - - - - X-X-X-X-X-X-X-X-X-X-X-X-