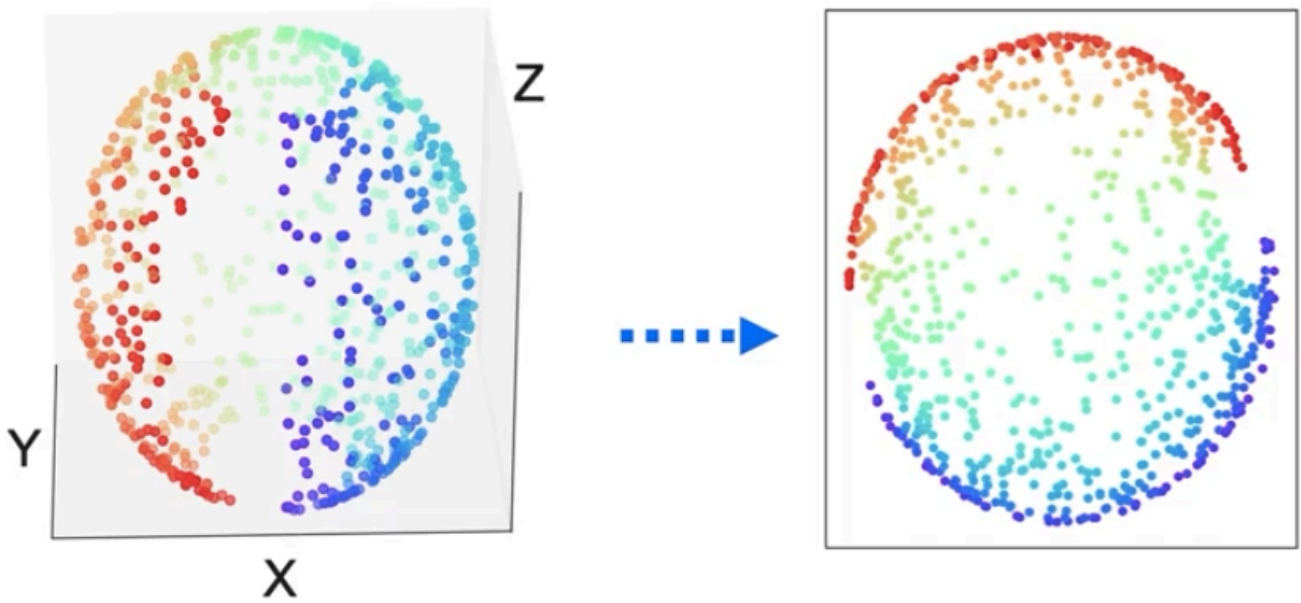# 15) MDS

- Stands for Multi-Dimensional Scaling

- Doesnt focus on maintaining overall variance

- The goal is to maintain the geometric distances b/w each point


```
from sklearn.decomposition import MDS

model = MDS(n_components=2)
X_trans = model.fit_transform(X_orig)
```