**import** numpy **as** np

**import** matplotlib.pyplot **as** plt

**from** mpl\_toolkits.mplot3d **import** Axes3D

**from** sklearn.cluster **import** KMeans

**from** sklearn.datasets **import** make\_blobs

plt**.**rcParams['figure.figsize'] **=** (16, 9)

*# Initializing KMeans*

kmeans **=** KMeans(n\_clusters**=**4)

*# Fitting with inputs*

kmeans **=** kmeans**.**fit(X)

*# Predicting the clusters*

labels **=** kmeans**.**predict(X)

*# Getting the cluster centers*

C **=** kmeans**.**cluster\_centers\_

fig **=** plt**.**figure()

ax **=** Axes3D(fig)

ax**.**scatter(X[:, 0], X[:, 1], X[:, 2], c**=**y)

ax**.**scatter(C[:, 0], C[:, 1], C[:, 2], marker**=**'\*', c**=**'#050505', s**=**1000)