Self-Reflect

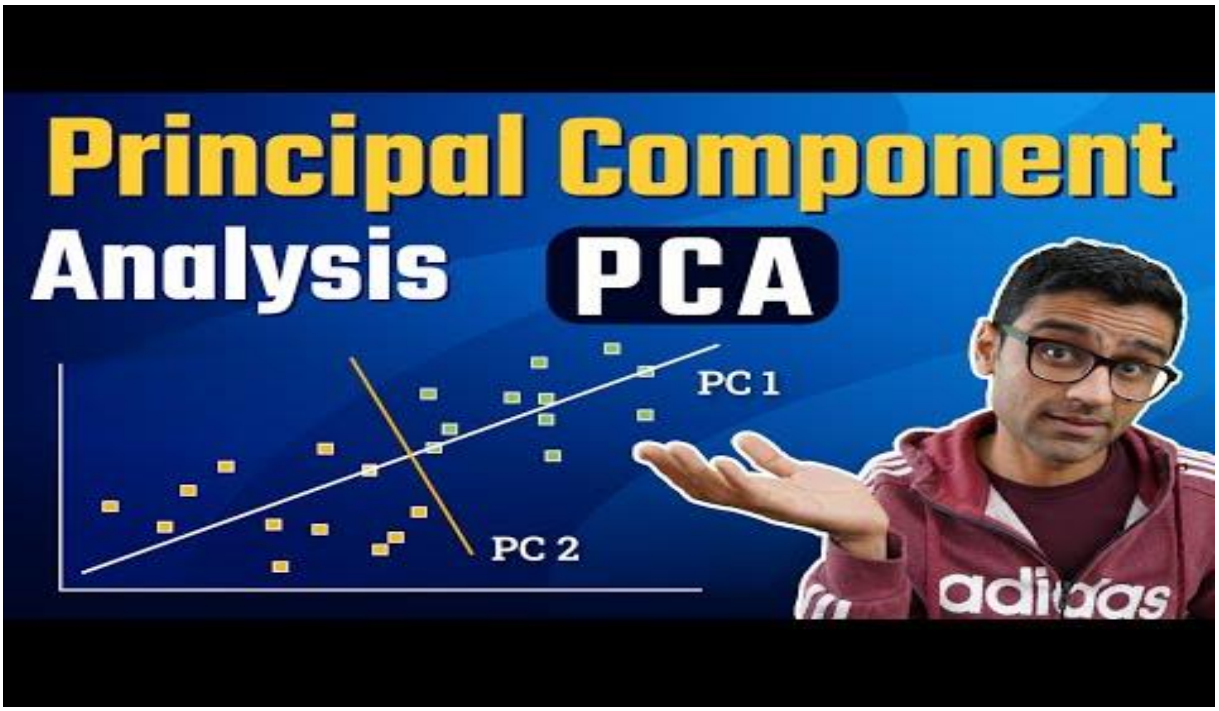
For this unit site, I understand why it reduces data dimensionality and the knowledge of principal component analysis. So, learn the concept of PCA, which is a linear dimensionality reduction technique that can be used to extract information from high-dimensional spaces.

Principal Component Analysis (PCA) is a widely used unsupervised machine learning algorithm with diverse applications, including exploratory data analysis, dimensionality reduction, information compression, and data denoising

Resources:

https://www.datacamp.com/tutorial/principal-component-analysis-in-python , Jan 2020 ,**Aditya Sharma.**

Machine Learning Tutorial Python - 19: Principal Component Analysis (PCA) with Python Code


Principal Component
Analysis PCA
PC 1
PC 2

Quiz:

Your work has been saved and submitted

Written 01 September, 2023 10:01 PM - 01 September, 2023 10:02 PM • Attempt 2 of unlimited

Your quiz has been submitted successfully, the answer(s) for the following question(s) are incorrect.

Attempt Score	**9 / 10 - 90 %**
Overall Grade (Highest Attempt)	**9 / 10 - 90 %**

Question 7

Which of the following is a potential drawback of oversampling the minority class in an imbalanced dataset?