

Dimension Reduction

✔ **Reading:** Dimension Reduction
1h

Dimension Reduction

Task: Applying Dimension Reduction Techniques

Explanation: In this module, you will practice dimensionality reduction techniques to reduce the number of features while preserving as much data variance as possible. Principal Component Analysis (PCA) will be the primary focus. You will work with the dataset of your choice, and produce the report of your analysis. You can compare the result before and after PCA for classification, regression, or clustering. You will work with the dataset of your choice, and produce the report of your analysis.

Associated Course (if you haven't taken it or mastered the skills):

- [Clustering Analysis](#) ↗

Instructions:

1. Principal Component Analysis (PCA): Implement PCA to transform high-dimensional data into a lower-dimensional space.

Go to next item ✓ Completed

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