

Dimension Reduction Methods

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Video: Dimension Reduction Methods

12 min

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Reading: Dimension Reduction Demo

1h

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Reading: Dimension Reduction Case Study - Wines

1h

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Quiz: Dimension Reduction Quiz

30 min

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Reading: Dimension Reduction Case Study

2h

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Discussion Prompt: Dimension Reduction Exploration Exercise

2h

Dimension Reduction Demo

Please review the slides and make sure you are comfortable to move forward.

The tutorial is in Jupyter Notebook environment. They cannot be opened directly if you do not have a local environment. You should **upload them to Google Drive, and open them using Google Colaboratory**. The PDF version of the .ipynb is simply for your convenience to read. For your best learning outcome, you should run it, modify it, and experience it!

Data files and .ipynb files are zipped for downloading. In order to practice the case study and run the code, please:

1. Download the zipped data file and ipynb file
2. Unzip them and get the original data files and the .ipynb file
3. Upload the ipynb file to your Google Drive
4. Use Google Colaboratory to open it
5. Upload the data files to your Google Colab file folder

 **C8-M5-Demo - PCA - Digits.ipynb**
ZIP File

Go to next item

✔ Completed