Labs **Optimization for Machine Learning**Spring 2025

School of Computer and Communication Sciences **Nicolas Flammarion**

 $github.com/epfml/OptML_course$

EPFL

Problem Set 8, May 2, 2025 (Coordinate Descent)

Coordinate Descent

Solve Exercises 58, 59, 60 from the lecture notes.

Practical Implementation

Follow the Python notebook provided here:

 $github.com/epfml/OptML_course/tree/master/labs/ex08/$

You may also open directly in Google Colab:

 $colab.research.google.com/github/epfml/OptML_course/blob/master/labs/ex08/template/Lab_8.ipymb.colab.research.google.com/github/epfml/OptML_course/blob/master/labs/ex08/template/Lab_8.ipymb.colab.research.google.com/github/epfml/OptML_course/blob/master/labs/ex08/template/Lab_8.ipymb.colab.research.google.com/github/epfml/OptML_course/blob/master/labs/ex08/template/Lab_8.ipymb.colab.research.google.com/github/epfml/OptML_course/blob/master/labs/ex08/template/Lab_8.ipymb.colab.research.google.com/github/epfml/OptML_course/blob/master/labs/ex08/template/Lab_8.ipymb.colab.research.google.com/github/epfml/OptML_course/blob/master/labs/ex08/template/Lab_8.ipymb.colab.research.google.com/github/epfml/OptML_course/blob/master/labs/ex08/template/Labs$