Labs **Optimization for Machine Learning**Spring 2020

## **EPFL**

School of Computer and Communication Sciences

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github.com/epfml/OptML\_course

Problem Set 2, due March 6, 2020 (Gradient Descent)

## **Gradient Descent**

Solve Exercises 4, 6, 9, 11 from the lecture notes.

## **Practical Implementation of Gradient Descent**

Follow the Python notebook provided here:

 $colab.research.google.com/github/epfml/OptML\_course/blob/master/labs/ex02/template/Lab~2-Gradient\\Descent.ipynb$