

# HW 1 - Assignment 2: spoken digit classification

## Description:

Implement a classifier able to predict which **digit** is pronounced in a short audio excerpt.

## Input:

As dataset use the **Free Spoken Digit Dataset** (FSDD) which is available at the link:

<https://github.com/Jakobovski/free-spoken-digit-dataset>

In the folder *recordings* you will find the audio files named in a specific format. Please read the READ ME distributed with the dataset.

The results of the classification must be reported as a **confusion matrix** and, optionally, other metrics of your choice.

## Output:

- a brief presentation of your work (max 5 minutes) that will be given to the class
- a more detailed report in which you illustrate and explain every step of your classification system and in which the results are shown and commented (max 8 pages) **to be delivered by May 14th**.
- a link to a repository containing the code (e.g. on GitHub) with minimal comments.