

## Machine Learning 2021-2 Term Project Proposal

**Project Title**

**What do you feel now?**

**Participant(s) name(s)**

**Student ID**

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**Brief explanation of the project: task/problem you will work with, explanation of the dataset, and machine learning method you will use to solve the task (300 words max)**

Our task is to classify the emotion of a person with facial expression. At the end of this project, we are expecting to detect what the person in the image is feeling. Dataset we are using has total 28,709 training set and 7,178 test set and has 7 categories of facial expressions which are, angry, disgust, fear, happy, neutral, sad, surprise. To solve the task, we are planning to use concepts from classification chapter like kNN, and also if the situation allows it, to use concepts from neural networks chapter.