Exploring Unlabelled Speaker Recognition

**Objective:** To investigate potential approaches for detecting and recognizing individual speakers from a dataset of over 200 unlabelled microphone recordings. When a voice is present, the goal is to identify which of the 200 speakers it belongs to.

**Background:** You have been provided with a dataset containing over recordings from various microphone speakers. These recordings are completely unlabelled; we do not know the identity of the speaker in any given segment. Your task is to explore and propose a feasible solution for automatically recognizing/labelling which of the 200 speakers is speaking.

# Reference

<https://arxiv.org/pdf/1703.10135>

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0196391>

<https://ieeexplore.ieee.org/document/10479314>

<https://ieeexplore.ieee.org/document/8388986>

https://ieeexplore.ieee.org/document/4430083