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Gender Recognition using Voice

M Nitin Sai, N Leeladhar Royal, Siva Sai, Sri Harsha
Department of Computer Science and Engineering, Amrita School of Engineering, Amrita Nagair,
Choodsasandra, Junnassandra, Bangalor K, Samatas, 560035, India
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Abstruct—Gender recognition using volce is an important problem in several applications such as speech recognition, virtual assistants, and volce-based authentication. This puper proposes a deep learning, asset approach for gender recognition size, volce, which involves extracting features from audio recordings and use extracting features from audio recordings and excitate the corresponding gender. We use a dataset of audio recordings of multiple and female volces and evaluate our approach on several metrics such as accuracy, precision, and recall.

II. DATA DESCRIPTION

The workflow of building the model for gender recognition, conventional neural network (CNN)

Kyowych – Autumatic speech recognition, conventional neural network (CNN)

I. INTRODUCTION

Gender recognition using voice is a challenging problem that has received significant attention in recent years. The goal of gender recognition is to identify the gender of a speaker from their voice. This problem has assistants, and voice-based authentication. Traditional approaches for gender recognition involved extracting handcrafted features from audio recordings and using statistical models such as Gaussian Mixture Models (GMMs) to Lessify the gender. However, these approaches have limitations such as the need for expert knowledge in Genture extraction and the inability to capture complex patterns in the data. Deep learning testastical models such as Gaussian Mixture Models (GMMs) to Lessify the gender. However, these approaches have limitations such as the need for expert knowledge in feature extraction and the inability to capture complex patterns in the data. Deep learning testastical models such as Gaussian Mixture Models (GMMs) and the contractive approaches have limitations such as the need for expert knowledge in feature extraction and the inability to capture complex patterns in the data. Deep learning testastical models are considered to the contractive approaches have limitations such as the need for expert knowledge in feature extraction and extract features from data. Several deep learning testastical for the proposed for grader recognition is sky including the proposed for grader recognition using voice. The have demonstrated exceptional performance in various speech recognition tasks, including gender recognition models that can classify speakers, based on their voice characteristics. The grader recognition models that can classify speakers based on their voice characteristics. The grader recognition models that can classify speakers based on their voice characteristics. The grader recognition models that can classify speakers based on their voice characteristics. The grader recognition models that ca