

Testing an Automatic Speech Recognition (ASR) model for Vietnamese

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Abstract: In daily communication and work, converting speech to text (Automatic Speech Recognition - ASR) plays an important role in many applications such as virtual assistants and multimedia information services. This topic focuses on building and testing an ASR model for Vietnamese, meeting the demand for natural language processing in the context of localizing artificial intelligence technology. Through theoretical research combined with experimentation, the topic aims to provide an effective solution to improve the speech recognition capability of the ASR system for Vietnamese, thereby contributing to the development of multilingual information technology.

Keywords: Automatic Speech Recognition, Vietnamese, localization, natural language processing, artificial intelligence