

ISRO VIDEO CLASSIFIER

Abstract

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INTRODUCTION: - In recent years, there has been a rapid development in web users and sufficient bandwidth. Internet connectivity, which is so low cost, makes the sharing of information (text, audio and videos) more common and faster. This video content needs to be analyzed for prediction it class in different purpose for the users. Many machines learning approach has been developed for the classification of video to save people time and energy.

PROBLEM STATEMENT: - Video documentaries of various ISRO missions and programs are available. To categorize the all-video programs, generation & verification of huge amount of metadata generation need to be done. With current Deep learning methods-based development in field of Computer vision and Natural Language Processing this task of video metadata generation is now days automated.

APPROACH: - This project is implemented by using technologies like python and deep learning algorithms.

RESULT AND DISCUSSION: - After the successful completion of this project several videos related to ISRO and its missions will be classified into their respective categories such as whether these videos are related to educational purpose or any space missions etc. By classifying these videos we are ensuring that the user can

access them and understand about those videos more deeply with an ease.

CONCLUSION: - We can conclude this content by specifying that classification of videos into several number of classes will be more advantageous than other format of data like audio , image and text format . If videos are classified into different categories then analysis of those videos would become very easy specially when the videos are related to ISRO and its missions . Hence , By implementing this project this task become very easy .