



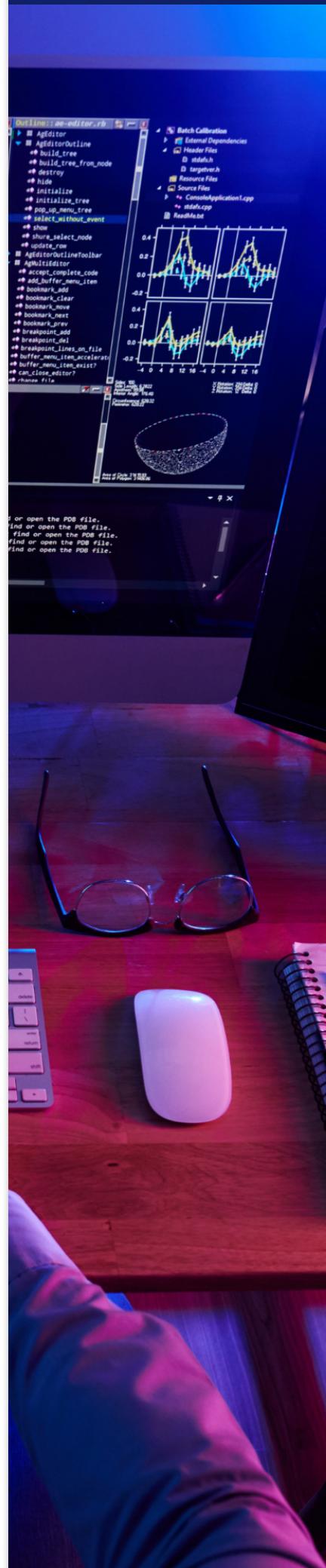
# DeVerse

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## AI/ML Tracks

> Speech Analysis

> Sentimental Analysis



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**AI/ML**

## **Track 01: Speech Analysis**

Given a video, you have to do a sentimental analysis of the speech in the video and present the stats about the various mood and emotions. The minimum requirement is positive or negative speech/text recognition on the given video. And add on would be to tag these sentiments to timestamp of video.

### **Milestones:**

1. Make an algorithm and train it with the dataset.
2. Make a rest API for it.
3. Input the image from the frontend and display it to user.





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## Track 02: Sentimental Analysis

The software ought to be able to provide statistics on the various emotions and facial expressions displayed when video is used as the input.

### Milestones:

1. Make algorithm and train it with the dataset
2. Make rest API of it
3. Input the video/data from the frontend and display it to user

### Notes:

1. Your algorithm will be tested against our dataset during the evaluation.
2. Extra points will be given for higher accuracy.

