

Worklet Details

1. Worklet ID: OD91KIIT
2. College Name: IIITDM KURNOOL

KPIs achieved till now

1. We have running app which take audio file as an input.
2. An model that classify the audio into different noises and sound
3. Accuracy of the previous developed model is 93-94 %
4. With pretrained model we are able to separate vocals, bass, jazz, drums.

Any Challenges/ Issues faced

1. In app development we have faced issues with the integrating of the app with flow.
2. On the model development side for Audio separation we do not have any data set that we can classify the sound with.
3. We need the catagories for the audio separation. and Dataset as Well

Next Steps

1. We are looking forward for more depth in the intergration of the app.
2. We will be aiming for separation of the audio and improve the accuracy in doing it.

Key Achievements/ Outcome till now

1. We have debugged the app.
2. Separation of the audio using a pretrained model is Successful
3. Making our model more compatible for using in the app