Report for Lab Assignment 10

1.

QUESTION:

Audio collection based on the tags (related to your project)
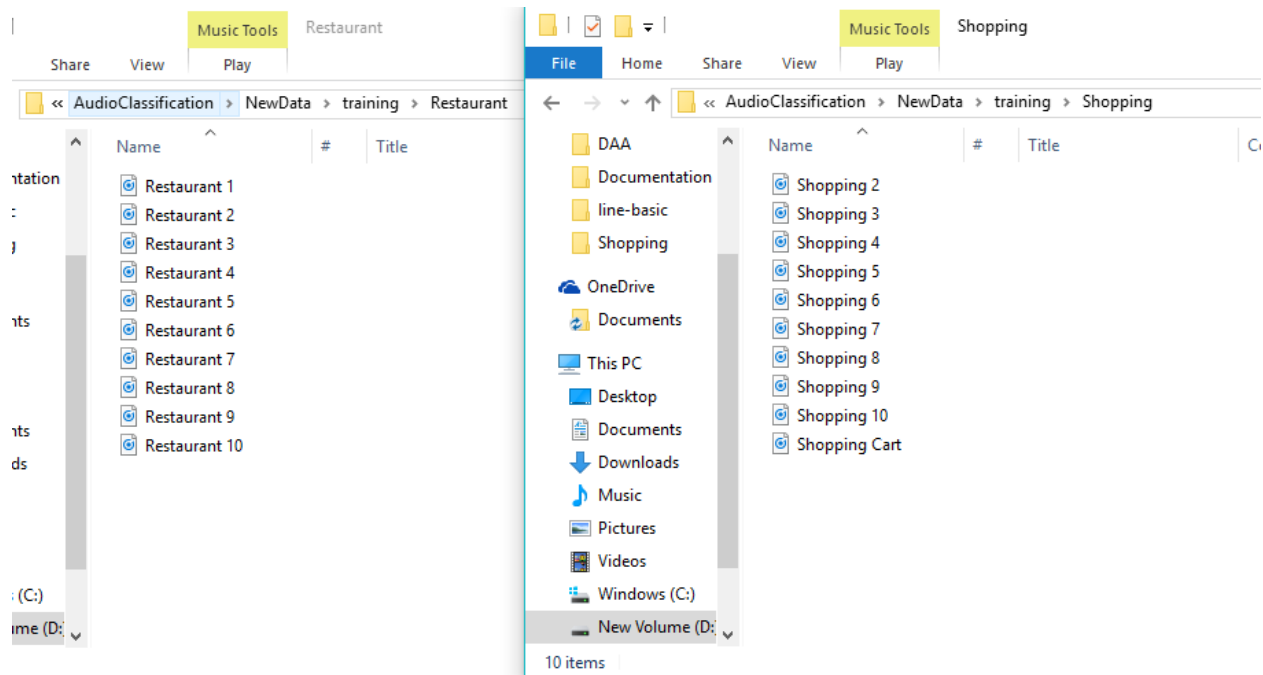a. Training Datasets (audio data from smart devices or online sound repositories such as https://www.freesound.org/)
b. Testing Datasets (audio data from smart devices)
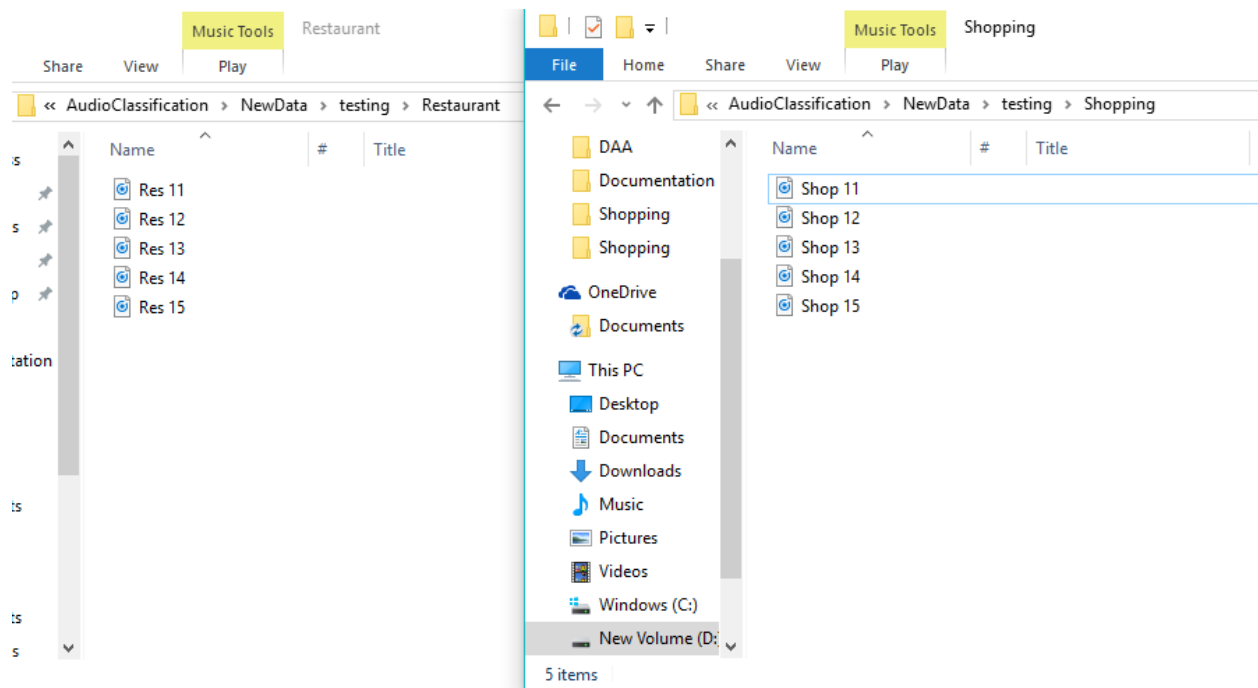
DESCRIPTION:

  Audio Collection is done based on the audio tags Restaurant and Shopping related to our project.

SCREENSHOT:

Training Data:

Testing Data:

2.

QUESTION:

Audio Classification based on the categories related to your project

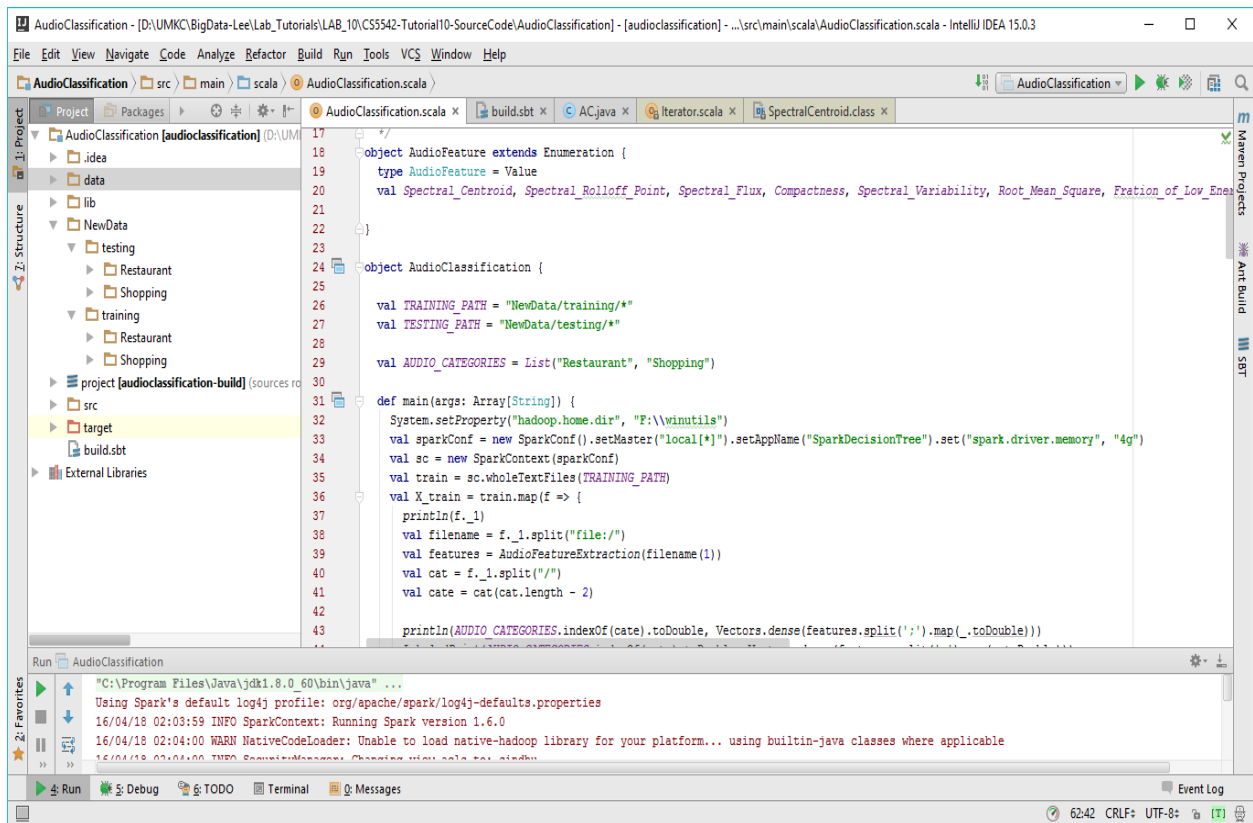**DECRIPTION:**

Categories are divided according the type of audio it is like restaurant, shopping which are heard in shopping malls.
Ex: Sound of shopping cart, covers comes under Shopping Category and sound of spoons, dishes comes under Restaurant Category.

Also, Accuracy and Confusion Matrix are calculated using this Audio Classification.

SCREENSHOTS:

3.

QUESTION:

Notification to smartphone/smartwatch

SCREENSHOTS: