

**Music Classification using Machine Learning**

**ITRW 367**

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## **1 Project Description**

## **2 Problem description and background**

Metadata, being defined as data about data, is used to extract traits from (objects). With the example of a song track, metadata gives information about the song name, artist performing it, location stored, and the subject of this project, genre.

Music is generally grouped together according to metadata, creating a scenario where if there is none present, it can't be grouped. My project aims to lessen this problem through the use of machine learning to be able to classify song tracks according to genre.

## **3 Aims and objectives of project**

## **4 Procedures and methods that will be used**

## **5 Approach to project management and project plan**

## **6 Description of development platform, resources, and environments that will be used**

## **7 Ethical and legal implications and dealing with these**

## **8 Provisional chapter division**

## **9 References**

## **10 Research proposal according to prescribed template**