**Ahsanullah University of Science and Technology**



# Department of Computer Science and Engineering

Program: Bachelor of Science in Computer Science and Engineering

Course No. : CSE4108

Course Title : Artificial Intelligence Lab

Title : Documentation of the dataset

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Seciton : C2

**Overview of the dataset:**

|  |  |
| --- | --- |
| Name of the dataset | Music Genre Dataset |
| File format of the dataset | .wav |
| Dimension | 1000X120 |
| Number of columns | 120 |
| Number of rows | 1000 |
| Number of feature columns | 15 |
| Name of features | Song name, mfcc1,mfcc2,mfcc3,mfcc4,mfcc5,mfcc6,mfcc7,  mfcc8,mfcc9,mfcc10,mfcc11,mfcc12,mfcc13,mel specto. |
| Number of target columns | 01 |

**Description of the Datasets:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | : | | Blues | |
| Data type | : | | Wav | |
| Range | : | | 40 sec | |
| Description | : | | Song genre blues | |
| Name | : | | Classical | |
| Data type | : | | Wav | |
| Range | : | | 40 sec | |
| Description | : | | Song genre Classical | |
| Name | : | | Country | |
| Data type | : | | Wav | |
| Range | : | | 40 sec | |
| Description | : | | Song genre Country | |
| Name | : | | Disco | |
| Data type | : | | Wav | |
| Range | : | | 40 sec | |
| Description | : | | Song genre Disco | |
| Name | : | | Hip-hop | |
| Data type | : | | Wav | |
| Range | : | | 40 sec | |
| Description | : | | Song genre Hip-hop | |
|  | |  |  |
|  | |  |  |
| Name | | : | Jazz |
| Data type | | : | Wav |
| Range | | : | 40 sec |
| Description | | : | Song genre Jazz |
| Name | | : | Metal |
| Data type | | : | Wav |
| Range | | : | 40 sec |
| Description | | : | Song genre Metal |
| Name | | : | Pop |
| Data type | | : | Wav |
| Range | | : | 40 sec |
| Description | | : | Song genre Pop |
| Name | | : | Reggae |
| Data type | | : | Wav |
| Range | | : | 40 sec |
| Description | | : | Song genre Reggae |
| Name | | : | Rock |
| Data type | | : | Wav |
| Range | | : | 40 sec |
| Description | | : | Song genre Rock |

**References:**

<http://marsyas.info/downloads/datasets.html>