CL-1000
IICT – ASSIGNMENT

BS-DS
BS-AI

The following assignment will be done in Microsoft Excel.

The dataset is given in the assignment as well. The dataset contains information about the artists that have been nominated and won the Grammy awards. A lot of information about the artists involved has been given such as their name, their genre, age group, gender and their social media popularity.

A bunch of analysts want to get some questions answered but cannot, because the data is not arranged and unstructured. So it is now your responsibility to help them.

Perform the following tasks on the dataset given and answer the given questions.

1. Clean the data such that the missing and duplicate values are handled properly.
2. Who is the artist with the maximum number of twitter followers?
3. What genres are popular for artists who are fifty years or older?
4. Graph about which age group has won Grammy or not (pie chart)?
5. Which genre has won the most Grammys? (Show with graphs) define trend as well.
6. How many males and females have won the Grammy's (show with graphs)?

Guidelines

- Answer all the questions and show them in a report. The report should be in a PDF format.
- Attach both the excel file and PDF file in the assignment.
- NO PLAGIARISM is allowed. Any type of plagiarism would eventually lead to a 0 in the assignment.