Deliverable III

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Ref:

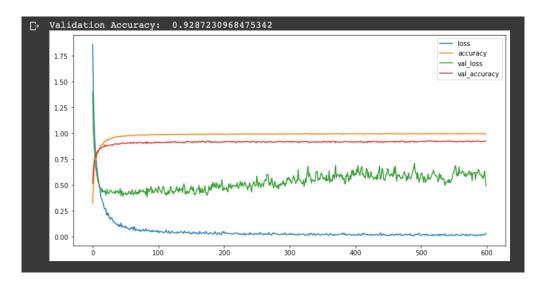
- https://blog.clairvoyantsoft.com/music-genre-classification-using-cnn-ef9461553726
 - https://www.analyticsvidhya.com/blog/2021/06/music-genres-classification-using-deep-learning-techniques/
- 1. I have not changed the code related to my model. I have simply saved the weights and am still receiving the following results for accuracy.
- 2. Results:
 - Results show that data of 3-sec clips produced much higher accuracy in CNN model even with almost half number of epochs (600 vs 1000)
 - b. 91.9% vs 75.15%

The best test accuracy is: 91.93205833435059

The test Loss is: 0.7017708420753479

The best test accuracy is: 75.15151500701904

- c. Results are good for the 3 sec dataset
- Accuracy Plot for the model history (3_sec dataset):



Landing Page Concept Art:

• Main Page:



Genre Classifer

Track1.mp3
RESULT: BLUES!