

3. Challenges

The biggest challenge while doing any artificial intelligence project is that the accuracy is never 100% and therefore the outputs generated are not always true and correct, they are mere predictions that are formulated, which may or may not result into a true output. The output generated in this project may not always have a proper semantic links between the words of the newly generated music lyrics.

The second biggest challenge is of crisp data that is required to feed into the model that is created. Lot of data that is available today is raw and need a lot of preprocessing before using them. Lack of computational power also is treated as a limitation to do any kind of machine learning project.

4. Conclusion

Automatic music lyrics generation have always been an interesting topic for researchers across globe. All the proposed idea in above literature have a crucial advantages of their own as well as limitations as well. Therefore no system is perfect as no human ever is. The Markov model that is used in this project has a python implementation. To built the auto music lyrics generation , only two machine learning libraries are used, one to generate random numbers and another to deal with the text format.

5. Future Work

In future I will keep on experimenting with new datasets and newly created machine learning models that can generate new music lyrics by learning from the inputs fed into it. I will even experiment with new regional Languages of India. Focus will also be on integrating a speech synthesiser that will give the algorithm a voice.

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