**Demo: Create Music with AWS DeepComposer**

Below you find a video demonstrating how you can use AWS DeepComposer to experiment with GANs and AR-CNN models.

**Important**

* To get you started, AWS DeepComposer provides a **12-month Free Tier for first-time users**. With the Free Tier, you can perform up to **500 inference jobs**,translating to 500 pieces of music, using the AWS DeepComposer Music studio. You can use one of these instances to complete the exercise at no cost. For more information, please read the [AWS account requirements](https://classroom.udacity.com/nanodegrees/nd065/parts/a5a4c41f-9cc7-48bd-9f00-582f35a7da53/modules/885b116b-2ca3-453a-8df1-4ea4b436b5da/lessons/8b79bd0c-6a77-40bc-8f96-b669c36d6103/concepts/2e2fcd70-fd26-45aa-9745-5fe947e8a3d9?contentVersion=1.0.0&contentLocale=en-us) page.

**Demo Part 1:**

**Demo Part 2:**

**Summary**

In the demo, you have learned how to create music using AWS Deepcomposer.

You will need a music track to get started. There are several ways to do it. You can record your own using the AWS keyboard device or the virtual keyboard provided in the console. Or you can input a MIDI file or choose a provided music track.

Once the music track is inputted, choose "Continue" to create a model. The models you can choose are AR-CNN, GAN, and transformers. Each of them has a slightly different function. After choosing a model, you can then adjust the parameters used to train the model.

Once you are done with model creation, you can select "Continue" to listen and improve your output melody. To edit the melody, you can either drag or extend notes directly on the piano roll or adjust the model parameters and train it again. Keep tuning your melody until you are happy with it then click "Continue" to finish the composition.

If you want to enhance your music further with another generative model, you can do it too. Simply choose a model under the "Next step" section and create a new model to enhance your music.

Congratulations on creating your first piece of music using AWS DeepComposer! Now you can download the melody or submit it to a competition. Hope you enjoy the journey of creating music with AWS DeepComposer.