Generate an Interface

Prerequisites/Requirements :

- **Chrome Browser**: You will need to use the Chrome Browser for this exercise. If you do not have Chrome you can download it here: www.google.com/chrome
- **AWS Account ID**: You will need an AWS Account ID to sign into the console for this project. To set up a new AWS Account ID, follow the directions here: How do I create and activate a new Amazon Web Services account?
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Your AWS account includes free access for up to 500 inference jobs in the 12 months after you first use the AWS DeepComposer service. **You can use one of these free instances to complete the exercise at no cost**.

You can learn more about DeepComposer costs in the AWS DeepComposer pricing documentation

Access AWS DeepComposer console:

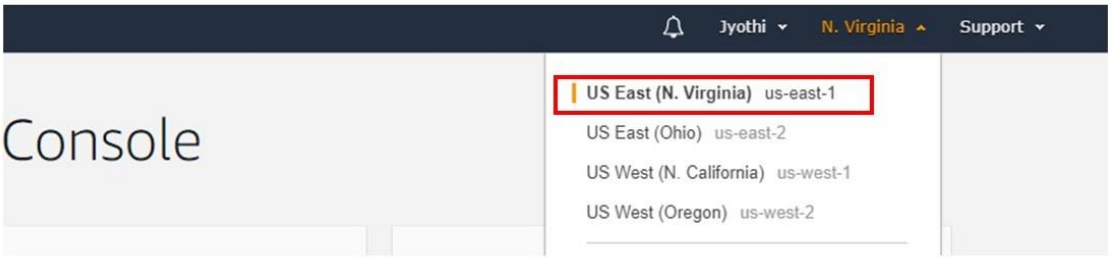
Click on the below link to get started:

https://us-east-1.console.aws.amazon.com/deepcomposer

Enter AWS account ID, IAM Username and Password provided

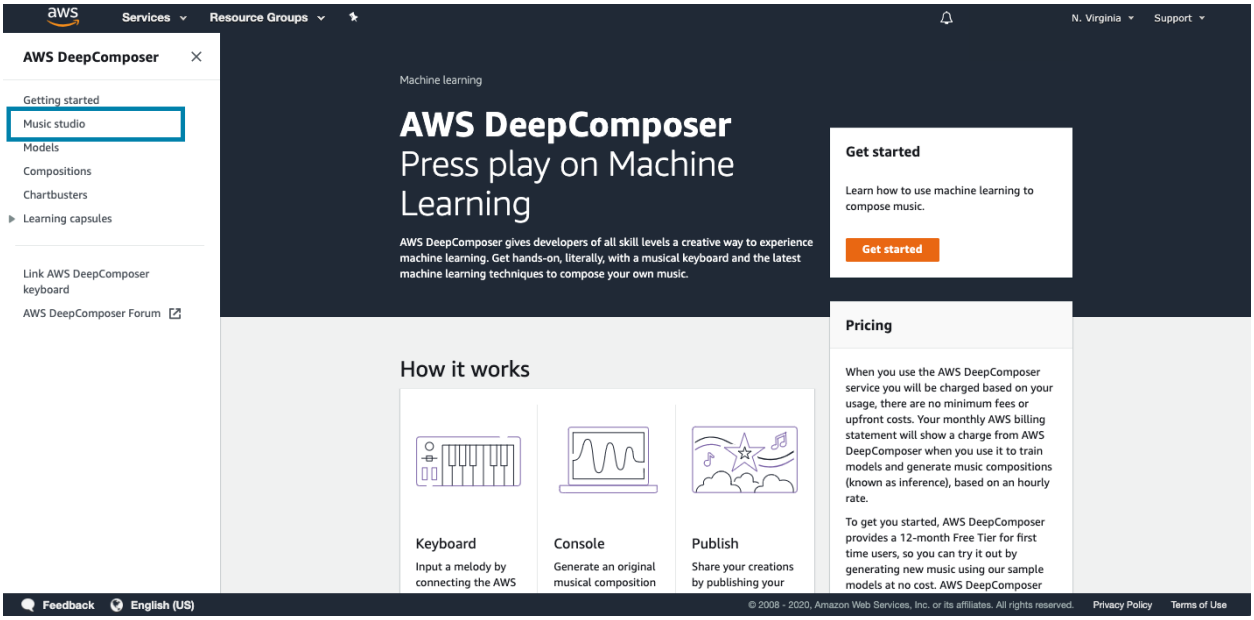
Click **Sign In**

Note: You must access the console in N.Virginia (us-east-1) AWS region You can use the dropdown to select the correct region.

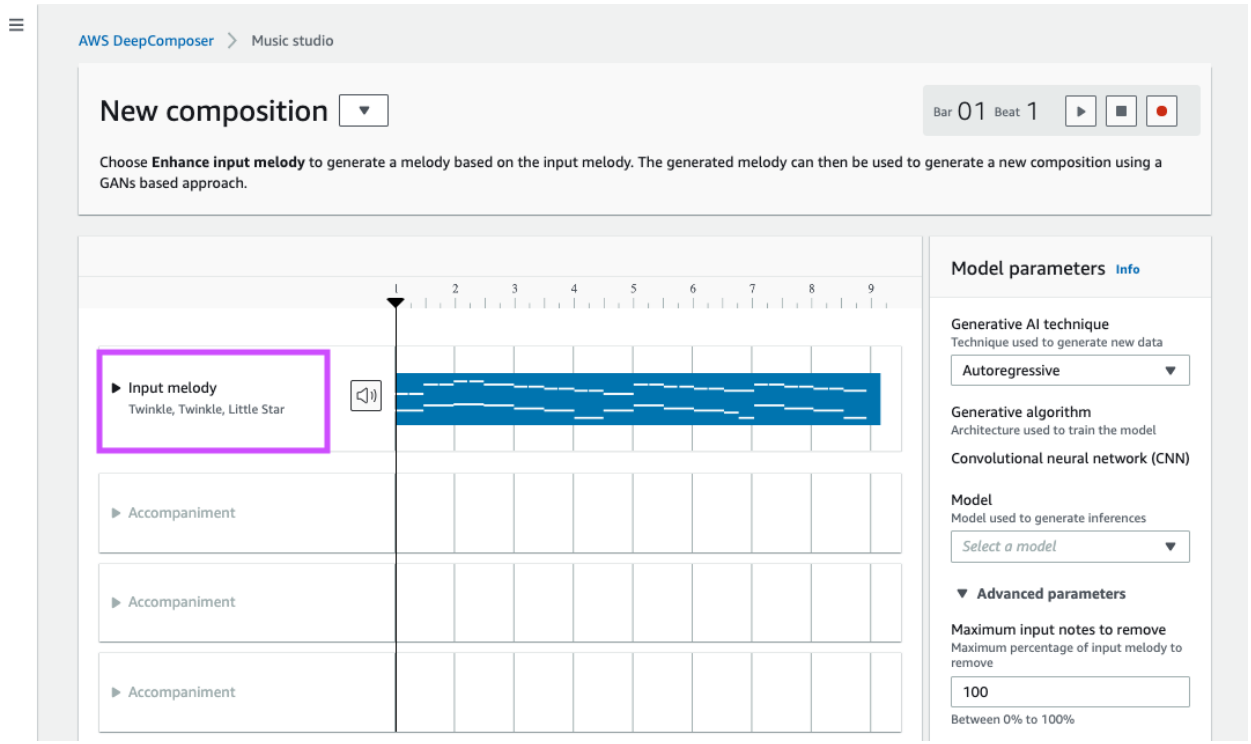


Get Started:

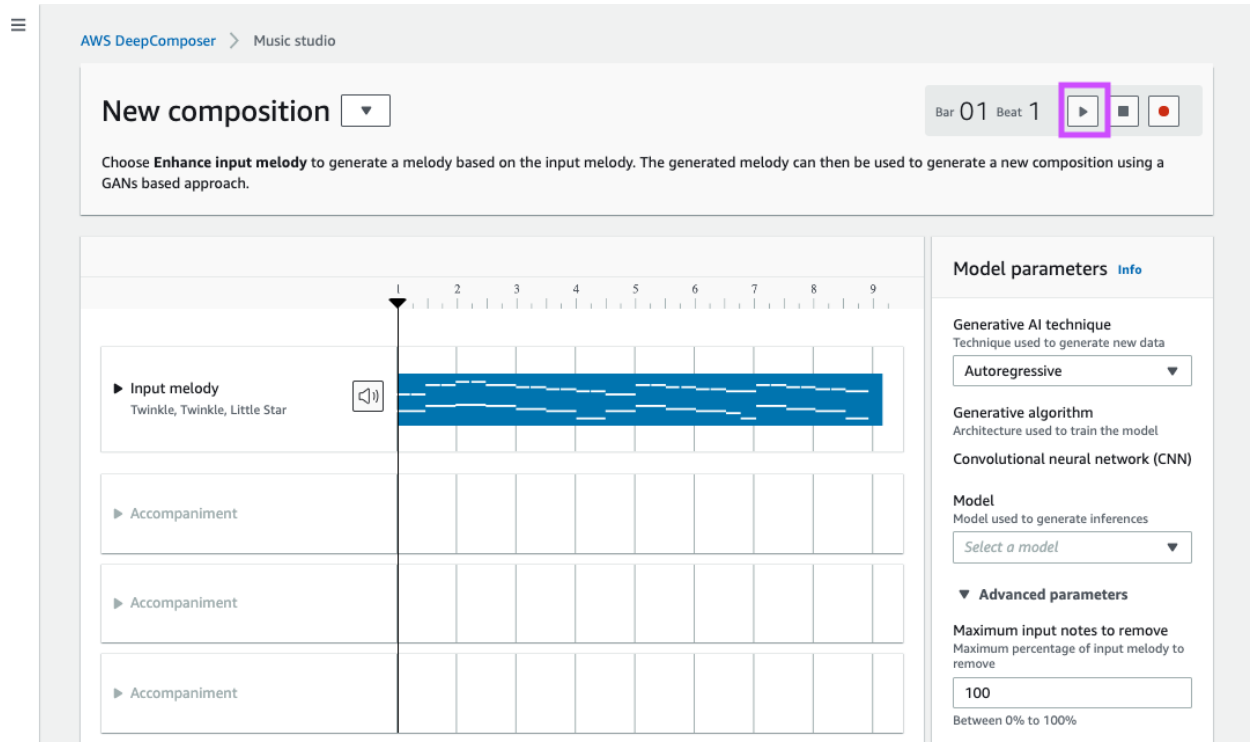
Click **Music Studio** from the left navigation menu



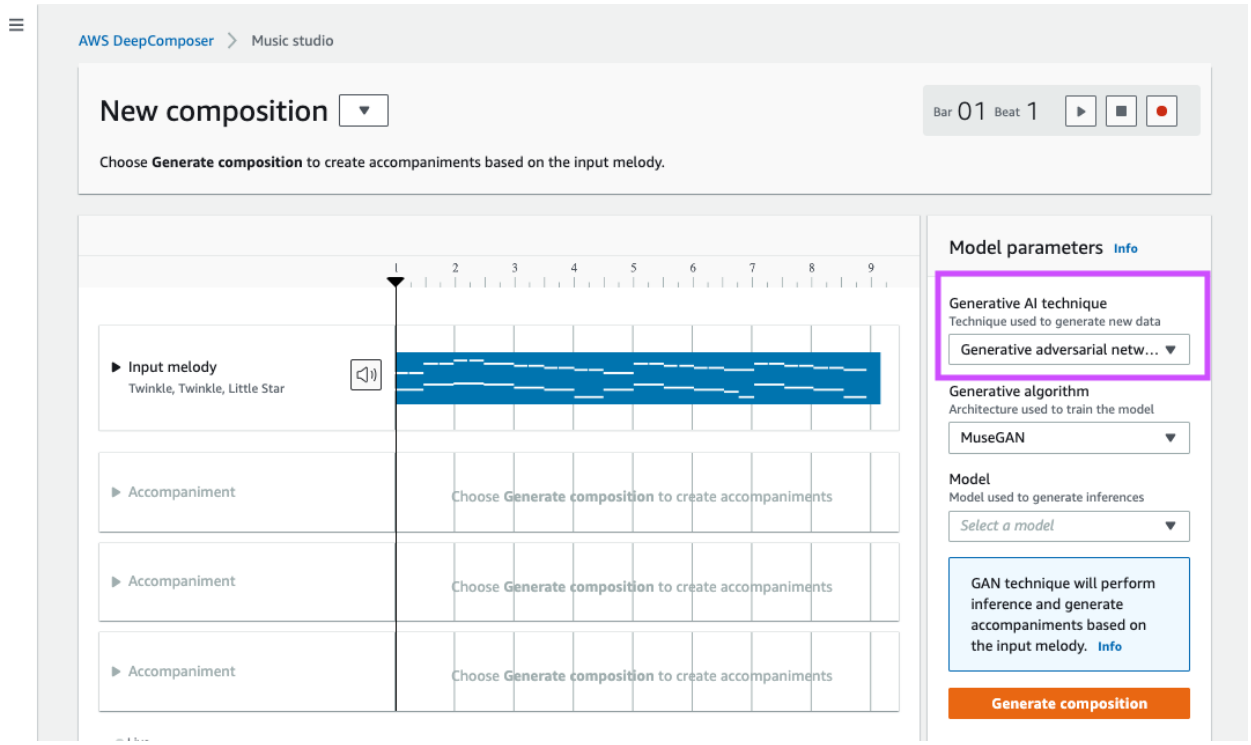
Choose an Input Melody



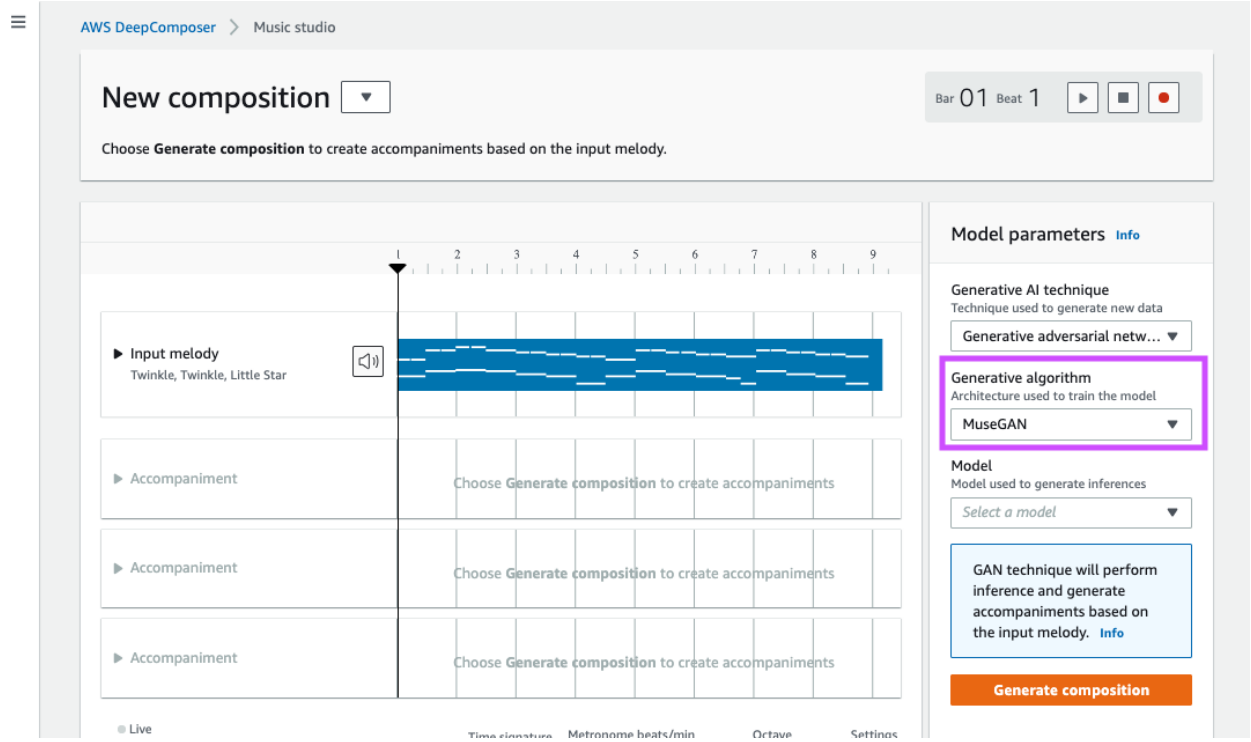
Click *play* to play the default input melody



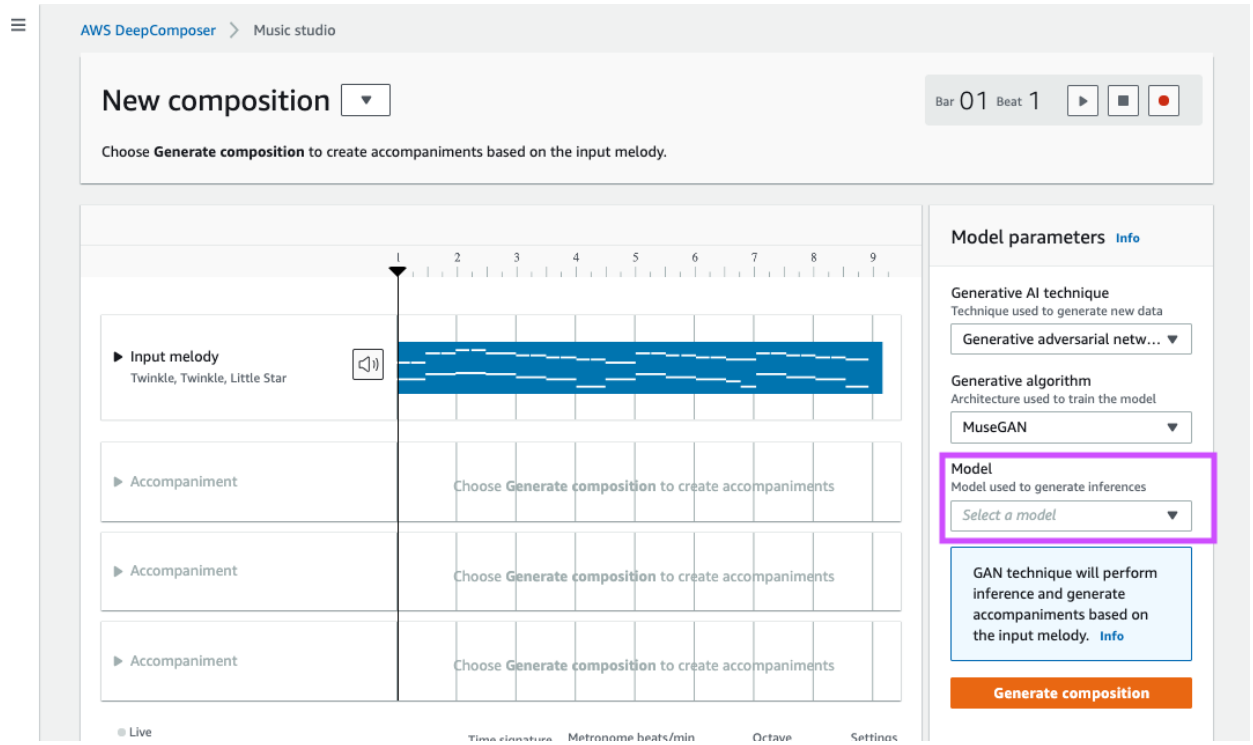
Select **Generative Adversarial Networks** as the **Generative AI technique**.



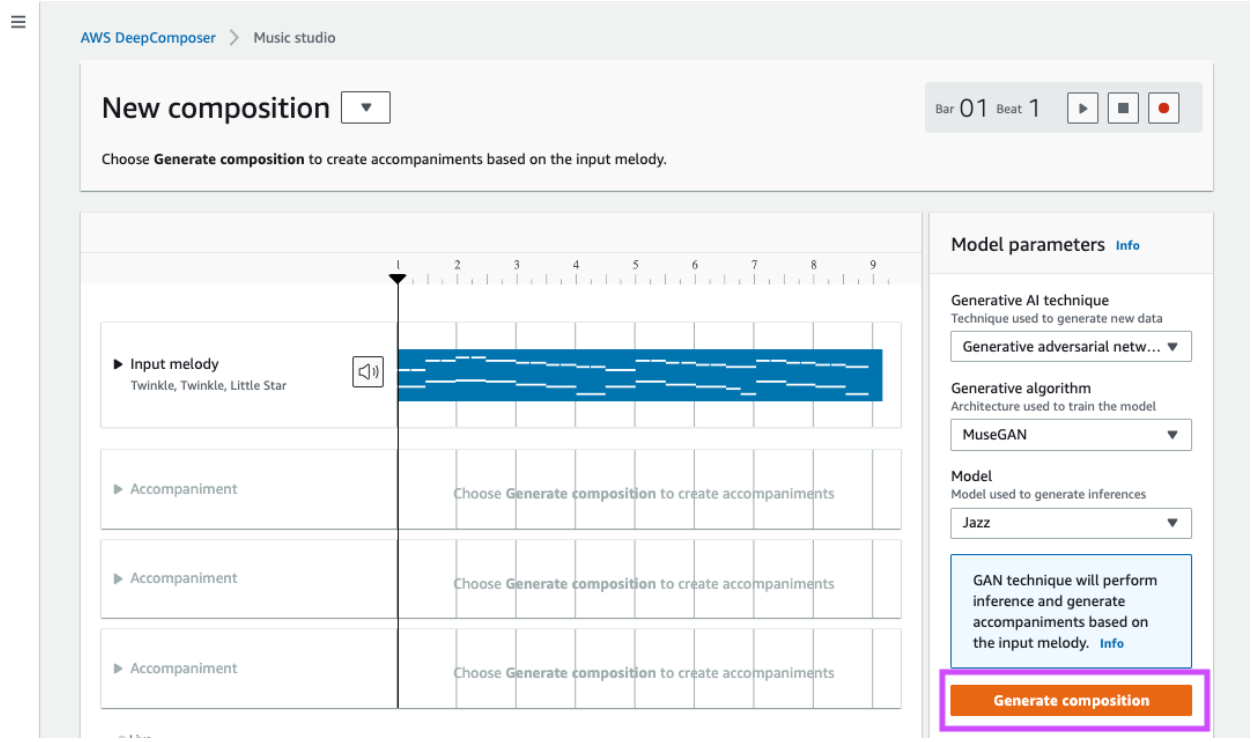
Select **MuseGAN** as the **Generative Algorithm**.



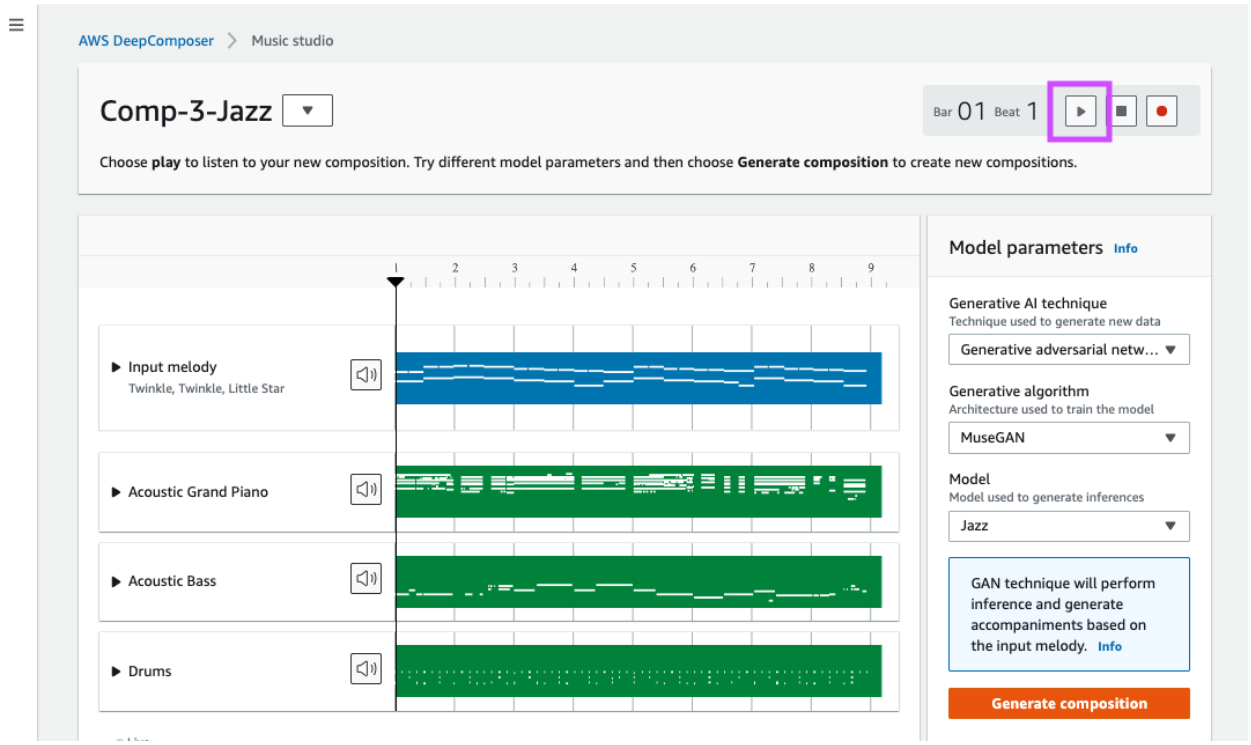
Select a **Model**.



Click **Generate composition** to generate a composition and an AI generated composition will be created.

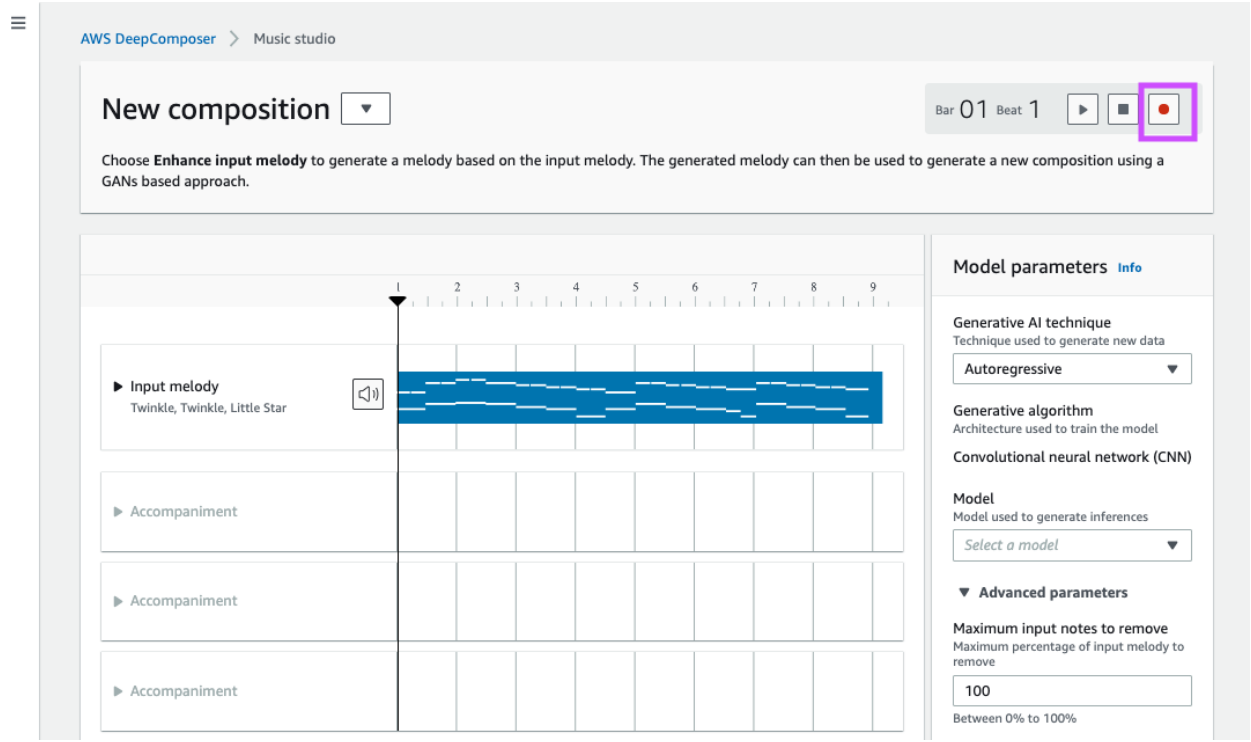


Click *play* to play the new AI generated musical composition.

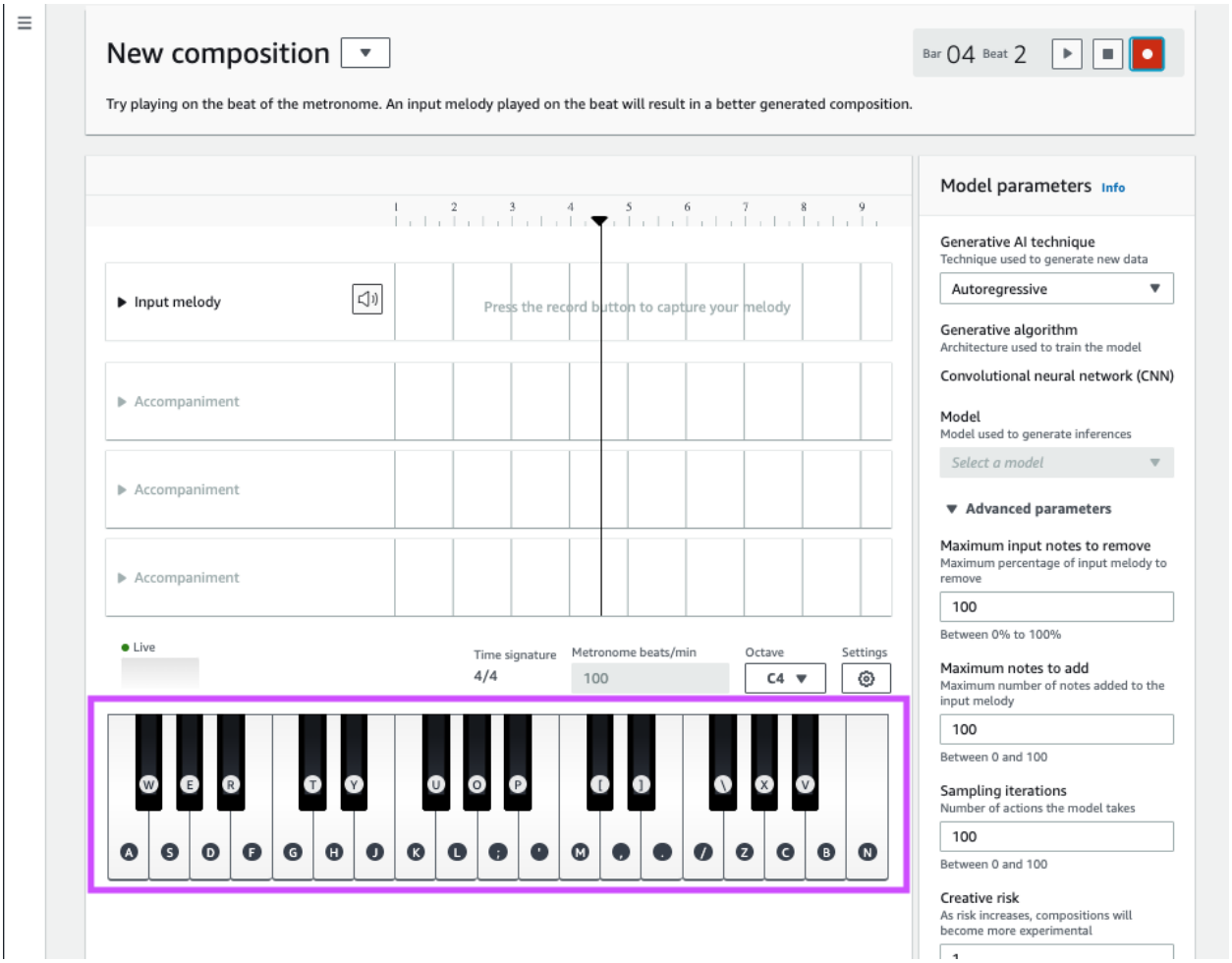


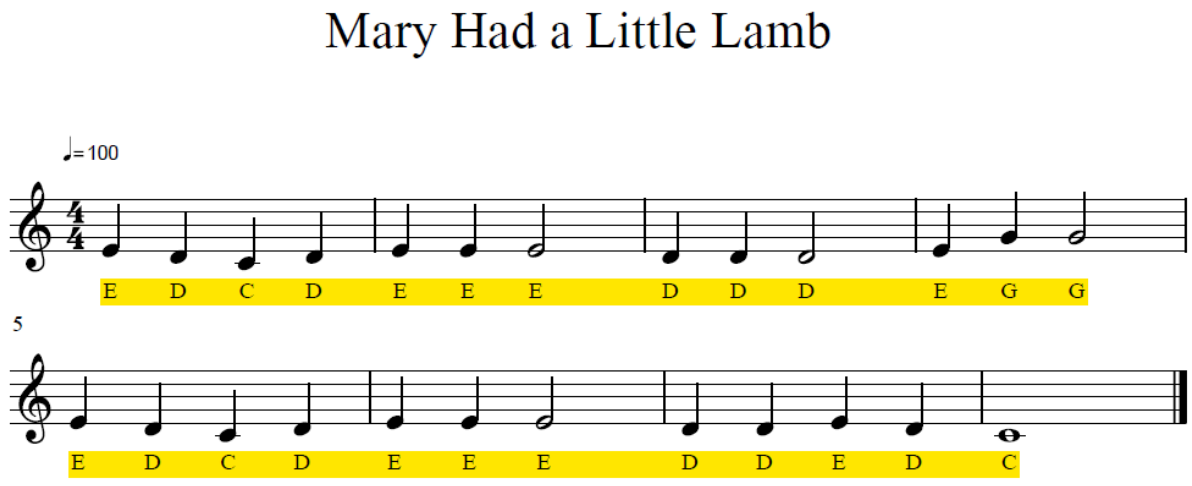
Input melody:

To create a custom melody, click *record* to start recording

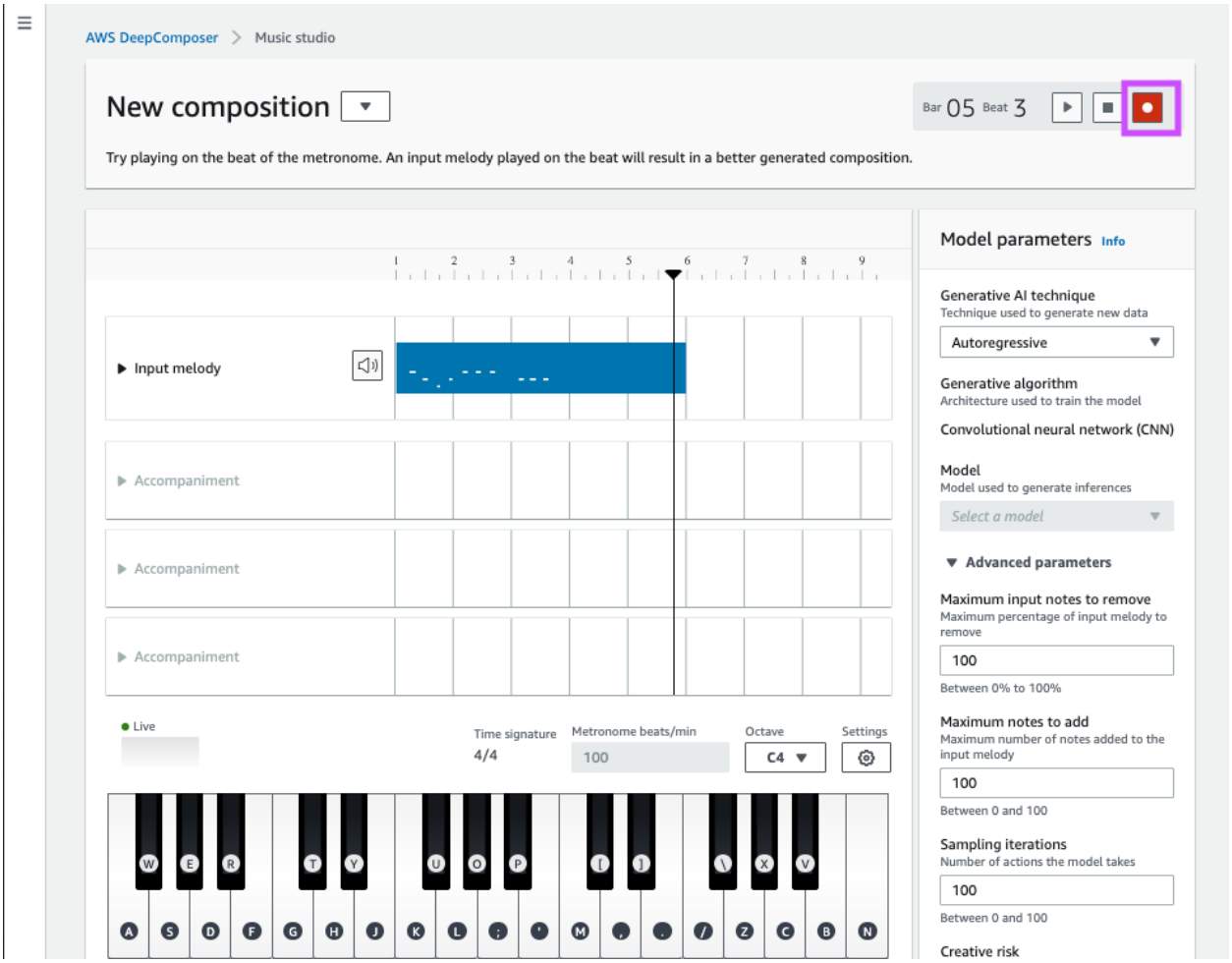


and play the notes on the keyboard.



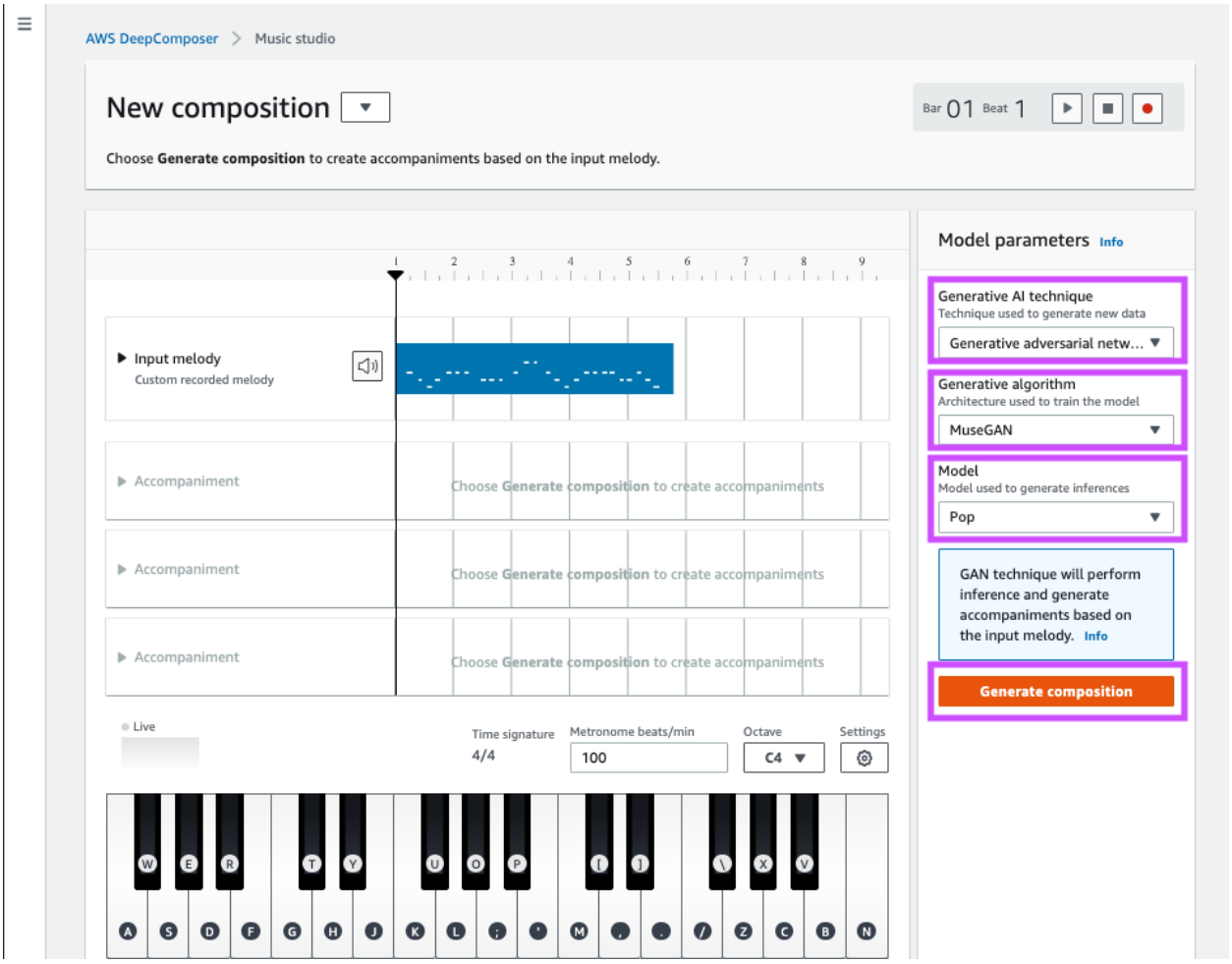


Click the ***stop*** button to stop recording when you are done.



Play the recorded music to verify the input. In case you don't like recorded music, you may start recording again by clicking *record*

Select **Generative Adversarial Networks** as the **Generative AI technique**.
Select **MuseGAN** as the **Generative Algorithm**.
Select a **Model**.
Click **Generate composition** to generate a composition and an AI generated composition will be created.



Click *play* to play the composition and enjoy the AI generated music.

Try experimenting with different genres or sample input melody.

Congratulations! You have learned how to use pre-trained models to generate new music!