

Choose **Generate composition** to create accompaniments based on the input melody.

► **Input melody**  
Twinkle, Twinkle, Little Star

CH

► Accompaniment

Choose Generate composition to create accompaniments

► Accompaniment

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► Accompaniment

Choose Generate composition to create accompaniments

Live

Time signature: 4/4

Metronome beats/min: 120

Octave: C4

Settings

**Model parameters** [info](#)

Generative AI technique  
Technique used to generate new data  
Generative adversarial netw...  
Generative algorithm  
Architecture used to train the model  
MuseGAN  
Model  
Model used to generate inferences  
Select a model  
GAN technique will perform inference and generate accompaniments based on the input melody. [info](#)  
**Generate composition**

Select a Model.

AWS DeepComposer > Music studio

New composition ▾

Bar 01 Beat 1

Choose **Generate composition** to create accompaniments based on the input melody.

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Twinkle, Twinkle, Little Star

CH

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Model  
Model used to generate inferences  
Select a model  
GAN technique will perform inference and generate accompaniments based on the input melody. [info](#)  
**Generate composition**

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

AWS DeepComposer > Music studio

New composition ▾

Bar 01 Beat 1

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**Generate composition**

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

AWS DeepComposer > Music studio

Comp-3-Jazz ▾

Bar 01 Beat 1

Choose **play** to listen to your new composition. Try different model parameters and then choose **Generate composition** to create new compositions.

► **Input melody**  
Twinkle, Twinkle, Little Star

CH

► Acoustic Grand Piano

CH

► Acoustic Bass

CH

► Drums

CH

Live

Time signature: 4/4

Metronome beats/min: 120

Octave: C4

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Technique used to generate new data  
Generative adversarial netw...  
Generative algorithm  
Architecture used to train the model  
MuseGAN  
Model  
Model used to generate inferences  
Select a model  
GAN technique will perform inference and generate accompaniments based on the input melody. [info](#)  
**Generate composition**

Input melody:

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

AWS DeepComposer > Music studio

New composition ▾

Bar 01 Beat 1

Choose **Enhance input melody** to generate a melody based on the input melody. The generated melody can then be used to generate a new composition using a GANs based approach.

► **Input melody**  
Twinkle, Twinkle, Little Star

CH

► Accompaniment

► Accompaniment

► Accompaniment

Live

Time signature: 4/4

Metronome beats/min: 120

Octave: C4

Settings

**Model parameters** [info](#)

Generative AI technique  
Technique used to generate new data  
Autoregressive  
Generative algorithm  
Architecture used to train the model  
Convolutional neural network (CNN)  
Model  
Model used to generate inferences  
Select a model  
Advanced parameters  
Maximum input notes to remove  
Maximum percentage of input melody to remove  
100  
Between 0% to 100%  
Maximum notes to add  
Maximum number of notes added to the input melody  
100  
Between 0 and 100  
Sampling iterations  
Number of actions the model takes  
100  
Between 0 and 100  
Creative risk  
At risk: Random compositions will become more experimental  
+  
**Generate composition**

and play the notes on the keyboard.

AWS DeepComposer > Music studio

New composition ▾

Bar 04 Beat 2

Try playing on the beat of the metronome. An input melody played on the beat will result in a better generated composition.

► **Input melody**

CH

► Accompaniment

► Accompaniment

► Accompaniment

Live

Time signature: 4/4

Metronome beats/min: 120

Octave: C4

Settings

**Model parameters** [info](#)

Generative AI technique  
Technique used to generate new data  
Autoregressive  
Generative algorithm  
Architecture used to train the model  
Convolutional neural network (CNN)  
Model  
Model used to generate inferences  
Select a model  
Advanced parameters  
Maximum input notes to remove  
Maximum percentage of input melody to remove  
100  
Between 0% to 100%  
Maximum notes to add  
Maximum number of notes added to the input melody  
100  
Between 0 and 100  
Sampling iterations  
Number of actions the model takes  
100  
Between 0 and 100  
Creative risk  
At risk: Random compositions will become more experimental  
+  
**Generate composition**

## Mary Had a Little Lamb

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

AWS DeepComposer > Music studio

New composition ▾

Bar 05 Beat 3

Try playing on the beat of the metronome. An input melody played on the beat will result in a better generated composition.

► **Input melody**

CH

► Accompaniment

► Accompaniment

► Accompaniment

Live

Time signature: 4/4

Metronome beats/min: 120

Octave: C4

Settings

**Model parameters** [info](#)

Generative AI technique  
Technique used to generate new data  
Autoregressive  
Generative algorithm  
Architecture used to train the model  
Convolutional neural network (CNN)  
Model  
Model used to generate inferences  
Select a model  
Advanced parameters  
Maximum input notes to remove  
Maximum percentage of input melody to remove  
100  
Between 0% to 100%  
Maximum notes to add  
Maximum number of notes added to the input melody  
100  
Between 0 and 100  
Sampling iterations  
Number of actions the model takes  
100  
Between 0 and 100  
Creative risk  
At risk: Random compositions will become more experimental  
+  
**Generate composition**