☰   **How DeepComposer Works**   **SEND FEEDBACK**
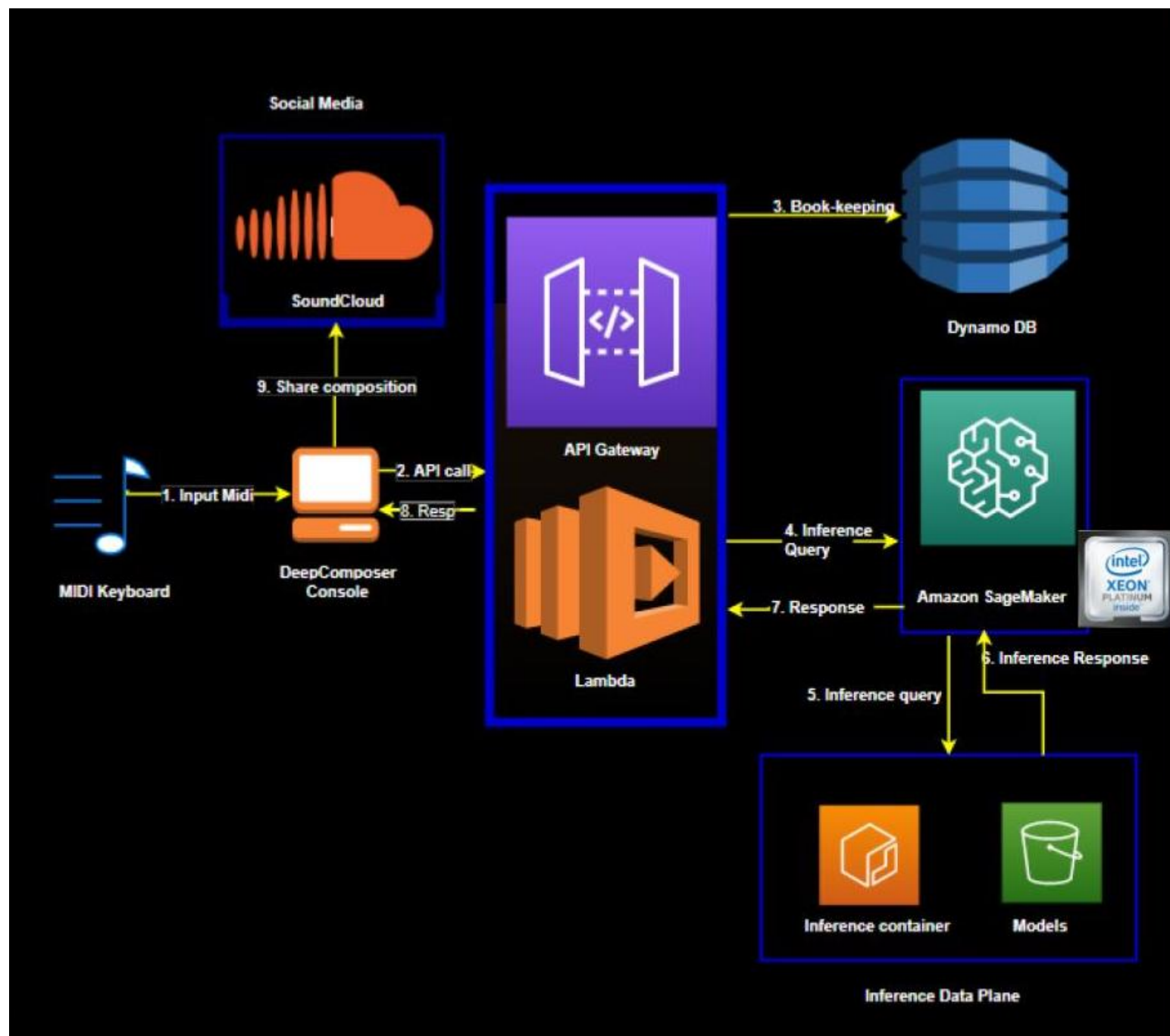
☐   The Generator and Discriminator loss functions cross

SUBMIT

AWS DeepComposer Under The Hood

How It Works

1. Input melody captured on the AWS DeepComposer console
2. Console makes a backend call to AWS DeepComposer APIs that triggers an execution Lambda.
3. Book-keeping is recorded in Dynamo DB.
4. The execution Lambda performs an inference query to SageMaker which hosts the model and the training inference container.
5. The query is run on the Generative AI model.
6. The model generates a composition.
7. The generated composition is returned.
8. The user can hear the composition in the console.
9. The user can share the composition to SoundCloud.

NEXT