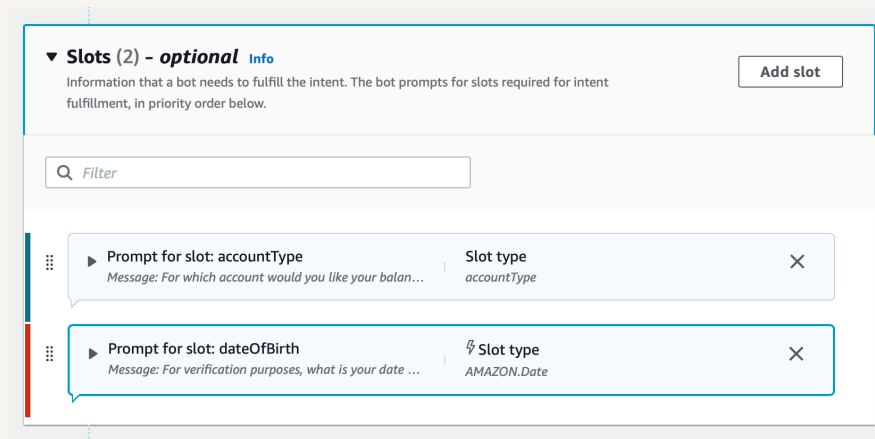




Build a Chatbot with Custom Slots



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Introducing Today's Project!

I learned how to use a slot and add it to the prompts.

What is Amazon Lex?

Amazon lex its straight forward and gives the option to customize easily.

One thing I didn't expect in this project was...

It was easy

This project took me...

30 mins



Slots

Slots are pieces of information that a chatbot needs to complete a user's request. Think of them as blanks that need to be filled in a form.

By adding custom slots in utterances, my chatbot's users can verify their credentials before getting the proprietary information

In this project, I created a custom slot type to fill the blanks which we might require from the user

Slot type values
Modify the list of values used to train the machine learning model to recognize values for a slot.

Search slot type values

Checking Tab or ; or enter return for new value X

Savings Tab or ; or enter return for new value X

Credit Tab or ; or enter return for new value X

credit card X visa X mastercard X

amex X american express X

Value Tab or ; or enter return for new value Add value

Maximum 140 characters. Valid characters: A-Z, a-z, 0-9, @, #, \$

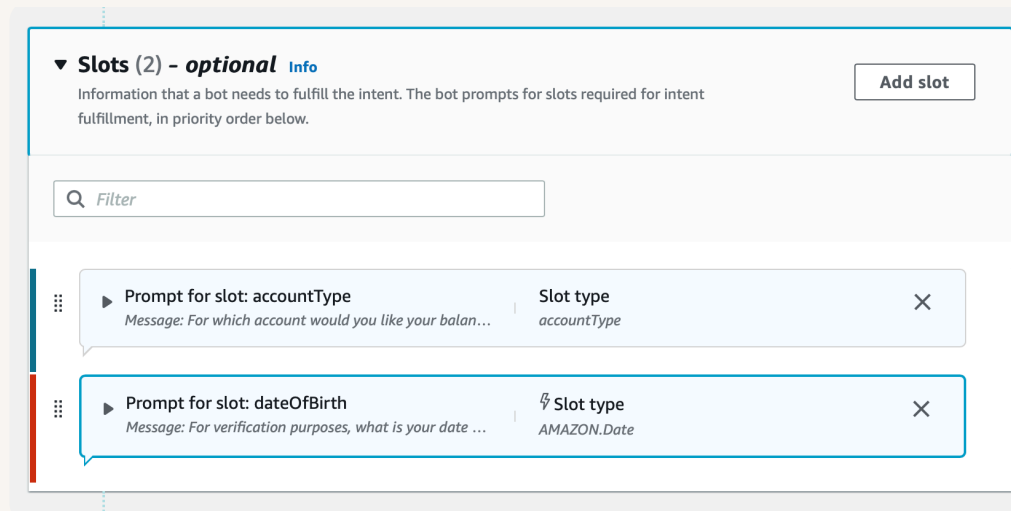
☐ Use slot values as custom vocabulary [Info](#)



Connecting slots with intents

This slot type has restricted slot values, which means it will accept specified value as a valid input!

I associated my custom slot with CheckBalance, which is to check the balance in the specified account type and verify the dateOfBirth





Slot values in utterances

I included slot values in some of the utterances (i.e. user inputs) by Savings For example it will check specific account balance and the verified date of birth before checking the balance

