

aws

Services

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[Option+S]

admin365 @ 0057-6548-4224

N. Virginia

Support

RecommendPortfolio

Latest

Build

Publish

Test bot (Latest)

Ready. Build complete.

Editor

Settings

Channels

Monitoring

Intents

BookCar

Slot types

riskLevel

Error Handling

BookCar

Latest

Sample utterances

e.g. I would like to book a flight.

I would like to invest for my retirement

I want to invest for my retirement

I'm worried about my retirement

I want the best option to invest for my retirement

I'm [age] and I want to invest for my retirement

I'm [age] and I would like to invest for my retirement

I want to save money for my retirement

Lambda initialization and validation

Slots

Priority	Required	Name	Slot type	Version	Prompt	Settings
		e.g. Location	e.g. AMAZON.US...		e.g. What city?	
1.		firstName	AMAZON.US...	Built-in	Thank you for trusting me to h	
2.		age	AMAZON.NU...	Built-in	How old are you?	
3.		investmentAmount	AMAZON.NU...	Built-in	How much do you want to inv	

You're now ready for testing. Type an utterance below to begin conversation with your chatbot.

Clear chat history

Chat with your bot...

Inspect response

Show

Feedback

English (US)

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3.		investmentAmount	AMAZON.NU...	Built-in	How much do you want to inv	
4.		riskLevel	riskLevel	1	How much risk do you want to	

Confirmation prompt

Confirmation prompt

Confirm

Would you like me to search for the best investment portfolio for you now?

Cancel (if the user says "no")

I will be pleased to assist you in the future.

Fulfillment

AWS Lambda function

Return parameters to client

Response

Add Message

Enable response card

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Slots Confirmation prompt Confirm Fulfillment Response

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Edit slot type

riskLevel Latest

Available risk levels

Slot Resolution

☐ Expand Values

☒ Restrict to Slot values and Synonyms

Value

e.g. Small Enter Synonym

Press Tab to add a synonym

High	Maximum
Very Low	Very Minimal
Low	Minimal
Medium	Normal
Very High	Extreme
None	No

Cancel Save slot type Add slot to intent

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RecommendPortfolio Latest

Editor Settings Channels Monitoring

Intents BookCar Slot types riskLevel Error Handling

Error handling

Clarification prompts

e.g. Sorry, can you please repeat that?

Sorry, what can I help you with?

Maximum number of retries

2

Hang-up phrase

e.g. Sorry, I could not understand. Please contact customer support.

Sorry, I am not able to assist at this time

Save

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Support

Your changes have been saved.

Lambda > Functions > recommendPortfolio

Throttle

Copy ARN

Actions

Function overview

Info

recommendPortfolio

Layers

(0)

+ Add trigger

+ Add destination

Description

-

Last modified

32 minutes ago

Function ARN

arn:aws:lambda:us-east-1:005765494224:function:recommendPortfolio

Code

Test

Monitor

Configuration

Aliases

Versions

Code source

Info

Upload from

File

Edit

Find

View

Go

Tools

Window

Test

Deploy

Changes deployed

Go to Anything (⌘ P)

Environment

recommendPortfolio

lambda_function.py

1

2

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...

Required Libraries

from datetime import datetime

from dateutil.relativedelta import relativedelta

Functionality Helper Functions

def parse_int(n):

"""

Securely converts a non-integer value to integer.

"""

try:

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recommendPortfolio

lambda_function.py

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...

return delegate(output_session_attributes, get_slots(intent_request))

Get the initial investment recommendation

YOUR FINAL INVESTMENT RECOMMENDATION CODE STARTS HERE

if investment_amount > 4999:

if age > 0 and age < 65:

if risk_level == "None":

final_recommendation = f"\${investment_amount*1} bonds (AGG), \$0 equities (SPY)"

elif risk_level == "Very Low":

final_recommendation = f"\${investment_amount*0.8} bonds (AGG), \${investment_amount*0.2} equities (SPY)"

elif risk_level == "Low":

final_recommendation = f"\${investment_amount*0.6} bonds (AGG), \${investment_amount*0.4} equities (SPY)"

elif risk_level == "Medium":

final_recommendation = f"\${investment_amount*0.4} bonds (AGG), \${investment_amount*0.6} equities (SPY)"

elif risk_level == "High":

final_recommendation = f"\${investment_amount*0.2} bonds (AGG), \${investment_amount*0.8} equities (SPY)"

elif risk_level == "Very High":

final_recommendation = f"\$0 bonds (AGG), \${investment_amount*1} equities (SPY)"

else:

final_recommendation = "No risk selection, select again."

else:

final_recommendation = "You can't invest as you're too old or have a negative age (which is not possible), please try again."

else:

final_recommendation = "Your investment needs to be equal to 5000 or more."

YOUR FINAL INVESTMENT RECOMMENDATION CODE ENDS HERE

Return a message with the initial recommendation based on the risk level.

return close({

intent_request["sessionAttributes"],

"Fulfilled",

})

5:39

Python

Spaces: 4

Code properties

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