1. AWS Lambda Invocation Model
2. AWS Lambda Invocation Modes - Hands On
3. AWS Lambda Limits -Memory

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Sync push:

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* You have the Amazon API gateway here and the customer has requested to get all the open orders that

he has. And once he makes that request, it triggers the lambda function.

* The lambda function does some backend processing and returns data to the end customer who has invoked the API.
* Makes a request, he expects a response to either give him all the open orders or you let
* It will expect a response. So this is common for services like API Gateway.

Second type of invocation:

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* Amazon SNS, Amazon S3 events a reverse lambda was invoked.
* The service that has invoked the Lambda function does not expect any response.

Stream based

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* So there will be some data set log stream date persisted in the Amazon Kinesis data stream.
* Then what Lambda does is after certain intervals it goes and looks for the data in Amazon Kinesis data stream or dynamic DB and
* it pulls and then pulls all the data that is there within that time frame and then puts it in the lambda queue, which is then processed by lambda function.

So it's more cooling based. So it will offer certain intervals, it will go and fetch the data most likely in a batch and then store it in the lambda.

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1.

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3.

A diagram of a data flow

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Hands On:

Synchronous Invocation:

A diagram of a software application

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1. API Gateway

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METHOD/STAGE

Lambda :

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Add Trigger: API GATEWAY: SYNC

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ASYNC:

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Upload new things to S3 bucket and check the cloud watch logs

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TIMEOUT  
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Now changed to 1 to 3

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