

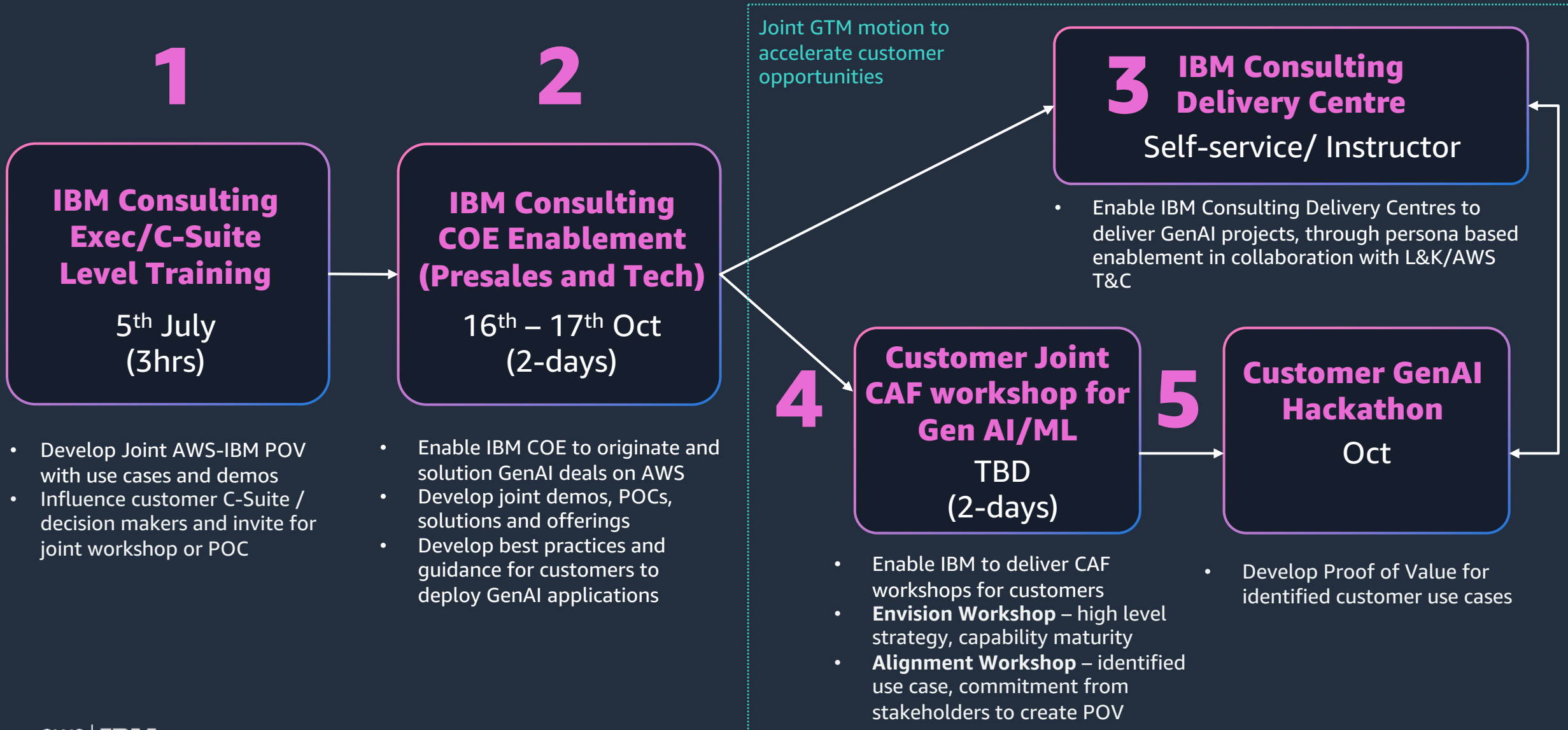


# Generative AI on AWS

IBM Consulting, Nordcloud, Bluetab, Agyla  
2-day Bootcamp (Virtual)

16<sup>th</sup> and 17<sup>th</sup> October 2023

# IBM GenAI Services on AWS - Activation Plan



# AWS Team

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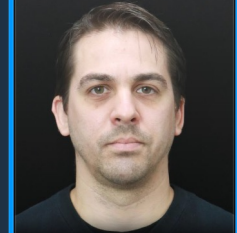
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# Agenda – Day 1 (16<sup>th</sup> October)

Time (CET)	Session	Duration	Type	Level	Presenters
09:00-09:30	Kick off & Introduction	30 mins	-	-	<a href="#">Arnaud Lauer</a> <a href="#">Dhana Vadivelan</a>
09:30-10:30	Generative AI on AWS: How to Leverage AWS ML Services to Drive Value for your Customers	1hour	Presentation	L100	<a href="#">Francisco Amaya</a>
10:30-11:15	Amazon Code Whisperer	45mins	Presentation and Demo	L200	<a href="#">Fabio Braga de Oliveira</a>
11:15-11:30	Coffee/Tea Break	15 mins			
11:30-12:45	Generative AI on Amazon SageMaker - Deep Dive workshop	75 mins	Presentation	L300	<a href="#">Partha Dey</a>
12:45-13:15	Lunch	30 mins	-	-	-
13:15-14:45	Generative AI on Amazon SageMaker - Deep Dive workshop	1 hour 30 mins	Hands on labs	L300	<a href="#">Fabio Braga de Oliveira</a> AWS Supporters
14:45-15:00	Day 1 Closure	15 mins	Presentation	-	<a href="#">Arnaud Lauer</a> <a href="#">Dhana Vadivelan</a>

# Agenda – Day 2 (17<sup>th</sup> October)

Time (CET)	Session	Duration	Type	Level	Presenters
09:00-09:30	Kick off & Introduction	30 mins	-	-	<a href="#">Arnaud Lauer</a> <a href="#">Dhana Vadivelan</a>
09:30-10:30	Generative AI on Amazon Bedrock - Deep Dive Presentation	1 hour	Presentation	L300	<a href="#">Arnaud Lauer</a>
10:30-12:00	Generative AI on Amazon Bedrock - Deep Dive Workshop	1 hour 30 mins	Hands-on workshop	L300	<a href="#">Arnaud Lauer</a> AWS supporters
12:00-13:00	Generative AI Solution Ideation Session	1 hour	Group Workshop	L200	<a href="#">Partha Dey</a> AWS Supporters
<b>13:00-13:30</b>	Lunch	30 mins	-	-	-
13:30-14:45	Generative AI Solution Ideation Session	1 hour 15 mins	Group Workshop	L200	<a href="#">Partha Dey</a> AWS Supporters
14:45-15:00	Next steps and actions	15 mins	-	-	<a href="#">Arnaud Lauer</a> <a href="#">Dhana Vadivelan</a>



# Thank you!

Please complete Day 1 feedback survey!  
<https://www.pulse.aws/survey/YSIIPCWO>





# Thank you!

Please complete Day 2 feedback survey!  
<https://www.pulse.aws/survey/MTLJWT8M>



# Build with publicly available foundation models

AVAILABLE ON SAGEMAKER JUMPSTART

**AI21labs**

**Models**  
Jurassic-2 Ultra, Mid  
Contextual answers  
Summarize  
Paraphrase  
Grammatical error  
correction

**Tasks**  
Text generation  
Long-form  
generation  
Summarization  
Paraphrasing  
Chat  
Information  
extraction

**Meta AI**

**Models**  
**New!** Llama 2 7B, 13B, 70B

**Tasks**  
Question answering  
Chat  
Summarization  
Paraphrasing  
Sentiment analysis  
Text generation

**cohere**

**Models**  
Cohere  
Command XL

**Tasks**  
Text generation  
Information  
extraction  
Question answering  
Summarization

**Hugging Face**

**Models**  
**New!** Falcon-7B, 40B  
Open LLaMA  
RedPajama  
MPT-7B  
BloomZ 176B  
Flan T-5 models (8 variants)  
DistilGPT2  
GPT NeoXT  
Bloom models  
(3 variants)

**Tasks**  
Machine translation  
Question answering  
Summarization

**stability.ai**

**Models**  
**New!** Stable Diffusion XL 1.0  
2.1 base  
Upscaling  
Inpainting

**Tasks**  
Generate photo-realistic  
images from text input  
Improve quality of  
generated images

**Features**  
Fine-tuning on Stable  
Diffusion 2.1 base  
model

**LightOn**

**Models**  
Lyra-Fr  
10B, Mini

**Tasks**  
Text generation  
Keyword extraction  
Information extraction  
Question answering  
Summarization  
Sentiment analysis  
Classification

**databricks**

**Models**  
**New!** Dolly

**Tasks**  
Question answering  
Chat  
Summarization  
Paraphrasing  
Sentiment analysis  
Text generation

**alexa**

**Models**  
AlexaTM 20B

**Tasks**  
Machine translation  
Question answering  
Summarization  
Annotation  
Data generation





# Funding Options for Generative AI on AWS



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## Sandbox Funding

Provides up to \$5K credits for evaluation and demo creation. Up to 5 demos and \$25k.



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## PoC Funding

Funding available across use cases. This provides 10% in service credits of expected first year ARR and capped at \$25K.



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## AWS Incubator Funding

Provides Cash and Credits up to \$75K for a size of \$750K ARR towards Customer Pilot.

When opportunity size is beyond \$1M ARR, please contact PDM/PSA for more funding options