

**DATE & TIME:**

Nov 06, 2019

**LOCATION:**

Ballston Room 13.103 – 13.105

**APN Immersion Day:****Creating Data Lake on AWS****AGENDA**

TIME	Description	Presenter
8:30am – 9:00am	<b>BREAKFAST</b>	
9:00am – 9:15am	Welcome and Introductions	Adebimpe
9:15am – 9:45am	<b>Module 1:</b> Overview of the Data Lake	Adebimpe (Bims) Daniells
9:45am – 10:15am	<b>PreLab Setup:</b> Batch Data ingestion with DMS	All SAs
10:15am – 10:45am	<b>Lab 1:</b> Batch Data Ingestion with DMS	Adebimpe (Bims) Daniells
10:45am - 11:00am	<b>BREAK</b>	
11:00am - 11:20pm	<b>Module 2:</b> Data Transformation & Cataloguing	Triet Lu
11:20am – 12:15pm	<b>Lab 2:</b> Transforming data in the Data Lake with Glue	Triet Lu
12:15pm – 1:15pm	<b>LUNCH – Ask the Architect Office Hour</b>	
1:15pm – 1:35pm	<b>Module 3:</b> Working within the Data Lake	Triet Lu
1:35pm – 2:15pm	<b>Lab 3:</b> Querying the Data Lake with Athena & Quicksight	Triet Lu
2:15pm – 2:30pm	<b>BREAK</b>	
2:30pm – 3:15pm	<b>Module 4:</b> Consuming the Data Lake – Reporting, Analytics and Machine Learning	Adebimpe (Bims) Daniells
3:15pm – 3:45pm	<b>Demo:</b> From Data Lake to Machine Learning using Amazon SageMaker	Adebimpe (Bims) Daniells
3:45pm – 4:00pm	<b>BREAK/ Q &amp;A</b>	
4:00pm – 4:45pm	<b>Kahoot Quizzes &amp; Prizes, Next Steps, and Goodbye</b>	Triet