Big Data Engineering for Analytics

29 May 23 to 6 Jun 23

Topic	Instructor
29 May 2023 Monday	
Introduction to Big Data Engineering for Analytics	**Suriya Priya Asaithambi**
Introduction to Big Data Engineering for Analytics	**Ramanathan Venkatraman**
<Morning Break>	
Big Data Architecture & Design –an introduction.	**Ramanathan Venkatraman**
<Lunch Break >	
Introduction to Spark Framework **Workshop Setup and Installation**	**Suriya Priya Asaithambi**
<Afternoon Break>	
Workshop Setup and Installation	**Suriya Priya Asaithambi**
30 May 2023 Tuesday	
Functional Thinking	**Suriya Priya Asaithambi**
<Morning Break>	
Spark Shell and Functional Programming Workshop	**Suriya Priya Asaithambi**
<Lunch Break >	
Big Data Design	**Suriya Priya Asaithambi**
<Afternoon Break>	
Big Data Design	**Suriya Priya Asaithambi**
31 May 2023 Wednesday	
Spark SQL	**Ramanathan Venkatraman**
<Morning Break>	
Spark SQL Workshop	**Ramanathan Venkatraman**
<Lunch Break >	
Spark RDD, AND Ingestion Tools	**Suriya Priya Asaithambi**
<Afternoon Break>	
Ingestion Tools Demo **Analytics using RDD Workshop**	**Suriya Priya Asaithambi**
5 Jun 2023 Monday	
Spark Machine Learning	**Liu Fan**
<Morning Break>	
Spark ML Workshop 1	**Liu Fan**
<Lunch Break >	
Spark Best Practices	**Liu Fan**

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<Afternoon Break>	
Spark ML Workshops	**Liu Fan**

6 Jun 2023 Tuesday

Topic	Instructor
Data Formats	**Liu Fan**
<Morning Break>	
Managing Big Data Projects	**Liu Fan**
<Lunch Break >	
Closing Session	**Suriya Priya Asaithambi**
<Afternoon Break>	
Mock Exam and Closing Comments	**Ramanathan Venkatraman** **Suriya Priya Asaithambi**