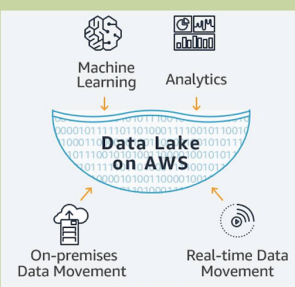



Computer Science

THE UNIVERSITY OF TEXAS AT DALLAS

Data Analytics on AWS bootcamp
 Advanced Level Hands-on Workshop
 leading to
 Data Analytics Certification on AWS

March 21 – April 11 (4 Saturdays)

Learn how to develop and architect analytics applications on AWS by implementing a series of projects/labs. Professional AWS Certified instructor will go from fundamental to advanced AWS concepts over the course of 4 weeks (4 Saturdays). We will be discussing real-world use cases, architectural challenges, best practices and design patterns to help you build highly scalable, available and secure IT Solutions on AWS. This course will also prepare you for AWS Big Data Speciality/ Data Analytics Speciality Certification.

Date: 4 Saturdays: Mar 21, 2020 - Apr 1, 2020

Time: 09:30 AM - 4:00 PM (Lunch Included: 12:30 PM - 1:00 PM)

Location: UT Dallas Campus

Register & Pay: bit.ly/utddaaws

Official UTDallas Facebook Event: <https://www.facebook.com/events/2555328824791860/>

Agenda		
Date	Topic	AWS Service Coverage
Session 1 (Mar 21)	Welcome and Introductions AWS solutions for Big Data ecosystem Introduction to EMR Deep Dive on Data Lake Concept	AWS Analytics Services, EMR Hands-on, LakeFormation (Intro)
Session 2 (Mar 28)	Deep Dive on EMR High availability, scalability Workflow automation Crash course on hadoop, Spark	Cluster provisioning, automation, Hadoop, HDFS, Hive, Spark, DynamoDB
Session 3 (Apr 4)	Deep dive on real-time, serverless ETL/ELT Introduction to managed ML Services	Deep dives on Kinesis, Athena, Glue, SQS ML Services: Rekognition, Polly, Transcribe, SageMaker.(If time permits)
Session 4	Deep dive on NoSQL Data Modeling	DynamoDB, Redshift, QuickSight

(Apr 11)	Cloud Data Warehouse, Visualization	
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Frequently Asked Questions

Who should attend?

IT professionals who would like to learn how to analyze data on AWS Cloud with a guided, practical hands-on approach.

Do I need to know programming?

Basic familiarity with any programming and/or scripting languages such as Java, Python or Shell Script is preferred. You will write code/scripts based on the snippets/examples provided in class.

Do I need to have prior AWS experience?

No. However, basic knowledge of cloud terminologies would be helpful.

What are course prerequisites?

- General IT knowledge
- Basic data analytics/cloud knowledge (Basic terminologies, SQL etc.)
- Participants are required to bring their own laptop
- AWS account to do hands-on exercises (Create free at aws.amazon.com)

How is this class different from other online courses?

Rather than long-running and dull theoretical online video lectures; our in-person training we focus on "learn-by-doing". Each session would be highly interactive with plenty of Q&A. Our approach will make you ready not just for the Certification Exams but also prepares you to perform well in real jobs/interviews. Series of guided hands-on labs will give you an in-depth understanding of AWS Cloud.

What is the cost / registration fee?

Course fee for current UTD students is non-refundable \$25 @ bit.ly/utddaaws.

The course fee for professionals is \$500 (pay \$25 non-refundable registration fee @ bit.ly/utddaaws & the remaining \$475 due before the first session).

Are there any costs beyond the registration fees?

There are no hidden charges. Majority of the labs would be under AWS Free Tier or might cost you a very little amount. (<10 USD)

Would I get a certificate after completing this course?

Participants attending at least 3 sessions would receive a certificate of completion from UTDallas.

Who is going to teach? Can you tell me more about the instructor?

Hands-on AWS Workshop will be led by an instructor currently working at Amazon Web Services. Instructor has over 11 different AWS + Google Cloud Certifications including AWS Certified Solution

Architect Professional and Google Certified Solution Architect Professional. Instructor is a UT Dallas Alumni with Masters in Computer Science and has trained over 3000 professionals in the last 5 years. You can review feedback and testimonials from previous students here:

<https://www.facebook.com/HankerUSA/reviews>

Do you have testimonials from participants from previous classes?

Yes! Unaltered footage of testimonials from last class available here:

<https://photos.app.goo.gl/UuQRMyuccMacE7QM6>

Written feedback from past students available here: <https://www.facebook.com/HankerUSA/reviews>