



Course Code: **M885**

# Design an Automated Speech Recognition (ASR) System

## COURSE INFORMATION

Sessions  
2 days

Duration  
15 hrs

Level  
Intermediate

Assessment  
NA

### VENUE

**Address:** 3/5 Esan Close, College Estate, Off Oko Oloyun Street, Off Isheri-Igando Expressway, Igando Lagos, Nigeria 100216.

## WHAT'S THIS COURSE ABOUT

### Topic 1 Introduction to H2O

What is H2O?

Install H2O

Install Anaconda

### Topic 2 Supervised Learning

Classification vs Regression

Decision Trees

Random Forest

Gradient Boosting Machines

Overfitting

Linear Regression

### Topic 3 Unsupervised Learning

Autoencoder

Anomaly Detection

Clustering

Dimension Reduction

### Topic 4 Neural Network

What is Neural Network?

Activation Functions

Cost Functions

Deep Learning vs Machine Learning

Hyper Parameter Tuning

## COURSE FEE

Full Fee NGN 340,000.00

## CERTIFICATION

- **Certificate of Completion from Tertiary Courses** - Upon meeting at least 75% attendance and passing the assessment(s), participants will receive a Certificate of Completion from Tertiary Courses.

## REGISTRATION

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<https://www.tertiarycourses.com.ng/design-an-automated-speech-recognition-asr-system.html>



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## SUPPORT

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