

Welcome to ineuron.ai



## Azure Data Engineering

### **Description:**

Explore how the world of data has evolved and how the advent of cloud technologies is providing new opportunities for business to explore. You will learn the various data platform technologies that are available, and how a Data Engineer can take advantage of this technology to an organization benefit.

### **Start Date:**

### **Doubt Clear Time:**

### **Course Time:**

### **Features:**

- # Self paced Recording
- # Assignment in all modules
- # Quiz in every module
- # Completion Certificate

## **What we learn:**

# Learn about the responsibilities of a data engineer

# Find out how they relate to the jobs of other data and AI professionals.

# Explore common data engineering practices and a high-level architecting process for a

## **Requirements:**

# A system with internet connection

# Your dedication

# Interest to learn

## **Instructor:**

### **Name:**

MD Imran

### **Description:**

Working as Data Scientist with experience in solving real world business problems across different domains.

### **>Introduction to cloud:**

>>Introduction to cloud computing

>>cloud models

>>Different cloud providers

### **>Regions and Availability**

#### **Zones:**

>>Understanding Regions and Availability Zones in Azure

>>creating Microsoft azure account

## **>Resource Hierarchy:**

>>Understanding Resource Hierarchy

>>Demo on Resource Hierarchy

>>Resource groups, subscription and management groups

## **>Azure Active Directory:**

>>Active Directory part 1

>>Active Directory part 2

## **>Introduction to azure cloud computing:**

>>Azure services overview

>>managed and unmanaged service

>>demo create azure sql database service

## **>Introduction to data engineer profile:**

>>Introduction

>>data engineer role and responsibility

>>introduction to data engineer technologies

## **>Azure sql database:**

>>Module Introduction

- >>Introduction
- >>Why choosing sql server in azure
- >>Azure Iaas vs Paas database offerings
- >>SQL server paas deployment options
- >>Introduction to Azure sql server in virtual machine
- >>sql server in azure virtual machine
- >>demo part 1 sql server in azure virtual machine
- >>demo part 2 sql server in azure virtual machine
- >>introduction azure single database
- >>Demo Azure single database
- >>purchasing models and service tier
- >>azure database vs azure datawarehouse
- >>introduction elastic data pool
- >>azure elastic database
- >>Demo part 1 Azure Elastic database
- >>Demo part 2 Azure Elastic database
- >>introduction managed instance database
- >>azure managed instance database
- >>difference between on premises and managed instance
- >>service tiers for managed instance
- >>management operations
- >>demo managed instance