

# Introduction to Model Deployment

# Overview of the Course

Deploying your  
first Machine  
Learning model



# Deploying your first Machine Learning model

## Topics to be covered

- Building a Loan Eligibility application



# Deploying your first Machine Learning model

## Topics to be covered

- Building a Loan Eligibility application
- Introduction to Streamlit



# Deploying your first Machine Learning model

## Topics to be covered

- Building a Loan Eligibility application
- Introduction to Streamlit
- Deploying Machine Learning model using Streamlit and Google Colab

# Overview of the Course

Deploying your  
first Machine  
Learning model

Deploying ML  
models using  
Streamlit and  
AWS

# Deploying ML models using Streamlit and AWS

## Topics to be covered

- Introduction to Amazon Web Services (AWS)



# Deploying ML models using Streamlit and AWS

## Topics to be covered

- Introduction to Amazon Web Services (AWS)
- Deploying Machine Learning model using Streamlit and AWS



# Overview of the Course

Deploying your  
first Machine  
Learning model

Deploying ML  
models using  
Streamlit and  
AWS

Deploying  
Image  
Classification  
model

# Deploying Image Classification model

## Topics to be covered

- Build an Image Classification model



# Deploying Image Classification model

## Topics to be covered

- Build an Image Classification model
- Deploying Image Classification model using Streamlit and AWS

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Deploying your  
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Deploying  
Image  
Classification  
model

Deploying Text  
Generation  
model

# Deploying Text Generation model

## Topics to be covered

- Build a Text Generation model



# Deploying Text Generation model

## Topics to be covered

- Build a Text Generation model
- Deploying Text Generation model using Streamlit and AWS

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Generation  
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**Amazon  
SageMaker for  
Model  
Deployment**

# Amazon SageMaker for Model Deployment

## Topics to be covered

- Introduction to Amazon SageMaker





# Amazon SageMaker for Model Deployment

## Topics to be covered

- Introduction to Amazon SageMaker
- Setting up Amazon SageMaker

# Amazon SageMaker for Model Deployment

## Topics to be covered

- Introduction to Amazon SageMaker
- Setting up Amazon SageMaker
- Building a Cardiac Arrest predictor

# Amazon SageMaker for Model Deployment

## Topics to be covered

- Introduction to Amazon SageMaker
- Setting up Amazon SageMaker
- Building a Cardiac Arrest predictor
- Deploying the Cardiac Arrest predictor using Amazon SageMaker

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Generation  
model

Amazon  
SageMaker for  
Model  
Deployment

Deploying  
models using  
APIs

# Deploying models using APIs

## Topics to be covered

- Overview of Flask



# Deploying models using APIs

## Topics to be covered

- Overview of Flask
- Understanding APIs



# Deploying models using APIs

## Topics to be covered

- Overview of Flask
- Understanding APIs
- Deploying Machine Learning model with Flask

# Deploying models using APIs

## Topics to be covered

- Overview of Flask
- Understanding APIs
- Deploying Machine Learning model with Flask
- Deploying Deep Learning model using Flask





Thank You