

Welcome to ineuron.ai



## Data Science Project

### **Description:**

Data science projects are a great way to get started in your career. Working on real-world projects provides us with a sense of an approach to real-world problems. You will learn the principles of data science through several projects and use cases in this course. This hands-on course provides you with a diverse set of open source data science projects to help you practise, improve, and succeed in your data science career.

### **Start Date:**

### **Doubt Clear Time:**

### **Course Time:**

### **Features:**

# Challenges

# Quizzes

# Assignments

# Downloadable resources

# Completion certificate

### **What we learn:**

# Data preprocessing

# Database operations

# Model selection

# Project deployment

# End-to-end real-time projects

### **Requirements:**

# Basic knowledge of Machine Learning and Deep Learning

# A system with stable internet connection

# Your dedication

### **Instructor:**

#### **Name:**

Sudhanshu Kumar

#### **Description:**

Having 8+ years of experience in Big data, Data Science and Analytics with product architecture design and delivery. Worked in various product and service based Company. Having an experience of 5+ years in educating people and helping them to make a career transition.

#### **>Python Project:**

>>web crawlers for image data sentiment analysis and product review sentiment analysis

>>Integration with web portal

>>Integration with rest api, web portal and mongo db on Azure

## **>Fault detection in wafferes**

### **based on sensor data:**

>>Introduction

>>The problem statement and data description

>>The application flow

>>Ingestion and validation part1

>>Validation part2

>>DB operations

>>Data preprocessing

>>Clustering

>>Model selection and tuning

>>Prediction

>>Deployment

## **>Cement strength prediction:**

>>Introduction

>>The problem statement and data description

>>The application flow

>>Code intro and logging

>>Validation and transformation

- >>DB operations
- >>Data preprocessing
- >>Clustering
- >>Model selection and tuning
- >>Prediction
- >>Deployment

### **>Credit card defaulters:**

- >>Introduction
- >>The problem statement and data description
- >>The application flow
- >>Code intro and logging
- >>Validation and transformation
- >>DB operations
- >>Data preprocessing
- >>Clustering
- >>Model selection and tuning
- >>Prediction
- >>Deployment

### **>Forest cover:**

- >>Introduction
- >>The problem statement and data description
- >>Application flow

- >>Code intro and logging
- >>Validation and transformation
- >>DB operations
- >>Data preprocessing
- >>Clustering
- >>Model selection and tuning
- >>Prediction
- >>Deployment

### **>Income prediction:**

- >>Introduction
- >>The problem statement and data description
- >>The application flow
- >>Code intro and logging
- >>Validation and transformation
- >>DB operations
- >>Data preprocessing
- >>Clustering
- >>Model selection and tuning
- >>Prediction
- >>Deployment

### **>Insurance fraud detection:**

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- >>The problem statement and data description
- >>The application flow
- >>Code intro and logging
- >>Validation and transformation
- >>DB operations
- >>Data preprocessing
- >>Clustering
- >>Model selection and tuning
- >>Prediction
- >>Deployment

### **>Mushroom classification:**

- >>Introduction
- >>The problem statement and data description
- >>The application flow
- >>Code intro and logging
- >>Validation and transformation
- >>DB operations
- >>Data preprocessing
- >>Clustering
- >>Model selection and tuning
- >>Predictions
- >>Deployment

### **>Phishing classifier:**

- >>Introduction
- >>The problem statement and data description
- >>The application flow
- >>Code intro and logging
- >>Validation and transformation
- >>DB operations
- >>Data preprocessing
- >>Clustering
- >>Model selection and tuning
- >>Prediction
- >>Deployment

### **>Thyroid detection:**

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- >>The problem statement and data description
- >>The application flow
- >>Code intro and logging
- >>Validation and transformation
- >>DB operation
- >>Data preprocessing
- >>Clustering
- >>Model selection and tuning
- >>Prediction

>>Deployment

**>Visibility climate:**

>>Introduction

>>The problem statement and data description

>>The application flow

>>Code intro and logging

>>Validation and transformation

>>DB operations

>>Data preprocessing

>>Clustering

>>Model selection and tuning

>>Prediction

>>Deployment