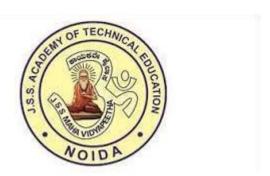
# **Department of Information Technology**

## MINI PROJECT REPORT

ON

The Data Science Course 2022 (Complete Data Science Bootcamp)

Submitted By: Vansh Chopra Roll No: 2000910130123



JSS Academy of Technical Education, NOIDA

Dr. APJ Abdul Kalam Technical University, Lucknow, U.P

#### **Session 2022-23**

#### **OBJECTIVES:**

The learning outcomes of this course are:

- To build an end-to-end real world machine learning project
- To learn how to implement various methods of Python libraries
- To learn how to deal with raw data containing missing data points
- To apply dimensionality reduction on huge datasets
- To learn about removal of outliers or data errors
- To use train dataset to fit the model and test dataset for evaluation
- To apply various models on our dataset and selecting the best one
- To use a better evaluation technique for our model
- To save the model using joblib
- To use our model for predictive analysis

#### **LEARNING OUTCOMES:**

The learning outcomes of this course are:

- Learnt the implementation of numpy, pandas, sklearn, matplotlib and seaborn
- Learnt the skill to analyze huge dataset
- Learnt to apply various techniques used in data preprocessing
- Learnt to select the best model for our project based on cross validation
- Learnt to create a pipeline to automate the model
- Learnt to save and use the model with joblib

## **UTILITIES OF MINI PROJECT:**

This internship allows me to

- Build real-world experience that enables me to put everything I have learnt into action
- Strengthen those skills required for building a machine learning model
- Give me an edge in the job market since machine learning is required in every field
- Develop and refine skills
- Gain confidence in working on real world projects
- Improve my problem-solving skills
- Explore career path as a data scientist
- Build machine learning models confidently
- Build a strong resume
- Discover what I am really interested in
- Be more passionate and self-disciplined
- Work independently and never waits to be told what to do
- Get a good placement

## **CERTIFICATE OF COMPLETION:**



Certificate no: UC-ee2ctd79-b808-48b8-a274-cbaf461t46bc Certificate url: ude.my/UC-ee2ctd79-b808-48b8-a274-cbaf461t46bc Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Data Science Course 2022: Complete Data Science Bootcamp

Instructors 365 Careers, 365 Careers Team

# **Vansh Chopra**

Date Nov. 21, 2022 Length 30 total hours