

Department of Information Technology

MINI PROJECT REPORT

ON

**The Data Science Course 2021
(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 2021-22

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-ee2c1d79-b808-48b8-a274-cbaf461146bc
Certificate url: ude.my/UC-ee2c1d79-b808-48b8-a274-cbaf461146bc
Reference Number: 0004

CERTIFICATE OF COMPLETION

The Data Science Course 2021: Complete Data Science Bootcamp

Instructors **365 Careers, 365 Careers Team**

Vansh Chopra

Date **Dec. 21, 2021**

Length **30 total hours**

VERIFICATION LINK:

<https://www.udemy.com/certificate/UC-ee2c1d79-b808-48b8-a274-cbaf461146bc/>