**Modern Education Society’s**

**Wadia College of Engineering, Pune**

**Department of Computer Engineering**

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| **NAME OF STUDENT:** Prathamesh Sable | **CLASS:** TE Comp 1 |
| **SEMESTER/YEAR:** Sem 6 / 2023-24 | **ROLL NO:** 13 (F21111015) |
| **DATE OF PERFORMANCE:** | **DATE OF SUBMISSION:** |
| **EXAMINED BY:** | **EXPERIMENT NO: C-04** |

**PART: C) ASSIGNMENT NO: 04**

**TITLE: Mini Project**

Use the following covid\_vaccine\_statewise.csv dataset and perform following analytics on the given dataset https://www.kaggle.com/sudalairajkumar/covid19-in-india?select=covid\_vaccine\_statewise.csv

a. Describe the dataset

b. Number of persons state wise vaccinated for first dose in India

c. Number of persons state wise vaccinated for second dose in India

d. Number of Males vaccinated

e. Number of females vaccinated

**OBJECTIVES:**

Students should be able to perform the analytics on covid vaccine state wise dataset using python.

**PREREQUISITE:**

Basic of Python Programming and Pandas

Concept of Data Preprocessing, Data Formatting, Data Normalization and Data Cleaning.

**APPRATUS:**

Programming Language: Python.

Dataset: Kaggle Dataset (e.g. [https://www.kaggle.com/datasets/sudalairajkumar/ covid19-in-india?select=covid\_vaccine\_statewise.csv](https://www.kaggle.com/datasets/sudalairajkumar/%20covid19-in-india?select=covid_vaccine_statewise.csv))

**METHODOLOGY:**

1. Download dataset from Kaggle and save in local storage
2. import necessary libraries and load the dataset
3. perform data cleaning as required
4. perform data analysis as given in the problem statement
5. Display the required graphs and tables

**CONCLUSION:**

Performed the analytics on covid vaccine state wise dataset using python.