**Assignment No-1**

**Title-** Write a python program to import and export data using Pandas library functions.

## Problem Statement: -

* + Describe the Pandas Library Function
  + Describe Data Cleaning Python Functions.

## OBJECTIVES:

* + To understand the import and export functions in Python.
  + Describe the business value and features of Python Programing

## Theory:-

## Introduction:

Python is a general purpose high level programming language . Python language is easy to understand .

**Pandas :-** Pandas is a open-source library in Python that provides high-level data structures and tools for data manipulation and analysis .

Pandas is one of the most popular libraries for working with tabular data.

**Why we pandas :-**



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**Describe Import and Export data Using Python Libraries:**

**Import and Exporting data :**

CSV Files :-Pandas is one of the most popular libraries for working with tabular data. It simplifies reading and writing CSV files Syntax of importing csv file : df = pd.read\_csv('data.csv')

1. **Excel Files (XLSX) :-** Pandas makes it easy to read Excel files using the read\_excel() function.
2. **JSON Files (JavaScript Object Notation) :-** Pandas can handle JSON data, converting it to a Dataframe directly.

… Python makes it simple to import and export data using various libraries like pandas, csv, json,



