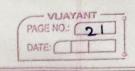
| + | | | | |
|--|-----------------------------------|--------------------|------------------------|-------------------|
| G. H. Raisoni College <u>Of Engineering And Management, Wagholi Pune</u> | | | | |
| <u>2021- 2022</u> | | | | |
| Group B :-Assignment no :-5 | | | | |
| Department | CE [SUMMER 2022 (Online)] | | | |
| Term / Section | III/B | Date Of submission | | <u>13-12-2021</u> |
| Subject Name /Code | Python for Data Science / UCSP204 | | | |
| Roll No. | SCOB77 | Name | Pratham Rajkumar pitty | |
| Registration Number | 2020AC0E1100107 | | | |



1

3

Aim: write a python program to read (SV/exce)

Sumple file Using pandas library and write

into J son file Formation.

and transfer the data profit is precept to

BSD-licensed Python like pandas is an open-swary,
BSD-licensed Python likeway providing high
performance, easy-to-use data Structures and
data analysis tools for the Python programming
language Pytho
Python with pandas uses wide stange of fields
including academic and commercial domains
including finance, economics, Statistics, analysics, exc

CSV File:>

(common File Format for transferring and storing data. The ability to read, main manipulate, and write data to and from CSV files using Python is a key skill to master for any data scientist or business analysis.

The basic process of loading data from a CSV file into a Pandas DataFrame is achieved using the read csv" function in pandas:

impost pandas as pd

Read data from file filename (sv'
data = Pd. read (sv ("File name (sv")
data head()

· JSON.

The Full Form of JGON is JOVascoipt Object Notation. It means that a script (executable) file which is made of text in a programming language, is used to store and transfer the data. Python Supports Json through a boilt in package called Json To use This Fratuse we impost the JSON package in python scorpt

A STATE MOSE

quoted - String which contains the value in key-value mapping within & 3. It is similar to the dictionary in python. JSON shows an API Similar to user of standard Litrary masshal and pickle modules and Python Matively Supposts JSON Features

impost I Isony before sention

* Skey: value mapping & mot of nomino

a = { name ": "John", "age": 31, "sulary": 2500)} # conversion to Json done by dumps() Funda

b= ison dumps(0) Hind you on godily

the pointing the output spoint (b) sourthern solve of a other serve

ason load methods to read a file containing JEON OUTECT

ha so submag

```
print("SCOB77_Pratham pitty_Group B Assignment 5 (12)")
print("********************************")
       # Using Panads library read CSV/excel sample file and write into JSON file formation"""
       import pandas as pd
       import json
       #Reading CSV file in Pandas : read_csv()
       df=pd.read_csv('C:\\Users\prath\Videos\#2.second year\sem3\PDS\csv files\VideoGame_sales_data.csv')
       print(df)
       print('**
       print(df)
       #Writing to json file
       df.to_json (r'C:\\Users\prath\Videos\#2.second year\sem3\PDS\csv files\VideoGame_sales_data.csv')
       with open('C:\\Users\prath\Videos\#2.second year\sem3\PDS\csv files\VideoGame_sales_data.csv') as f:
          df=json.load(f)
```

 ${\tt SCOB77_Pratham\ pitty_Group\ B\ Assignment\ 1}$

{}:{}, 8:9:{}:{}, 9:10:{}:{}, 10:11:{}:{}, 11:12:{}:{}, 12:13:{}:{}, 13:14:{}:{}, 14:15:{}:{}, 15:16:{}:{}, 16:17:{}:{}, 1 7:18:{}:{}, 18:19:{}:{}, 19:20:{}:{}, 20:21:{}:{}, 21:22:{}:{}, 22:23:{}:{}, 23:24:{}:{}, 24:25:{}:{}, 25:26:{}:{}, 26:27:{}:{}, 27:28:{}:{}, 28:29:{}:{}, 29:30:{}:{}, 30:31:{}:{}, 31:32:{}:{}, 32:33:{}:{}, 33:34:{}:{}, 34:35:{}:{}, 35:36:{}: {}, 36:37:{}:{}, 37:38:{}:{}, 38:39:{}:{}, 39:40:{}:{}, 40:41:{}:{}, 41:42:{}:{}, 42:43:{}:{}, 43:44:{}:{}, 44:45:{}:{}, 45:46:{}:{}, 46:47:{}:{}, 47:48:{}:{}, 48:49:{}:{}, 49:50:{}:{}, 50:51:{}:{}, 51:52:{}:{}, 52:53:{}:{}, 53:54:{}:{}, 54:55: {}:{}, 55:56:{}:{}, 56:57:{}:{}, 57:58:{}:{}, 58:59:{}:{}, 59:60:{}:{}, 60:61:{}:{}, 61:62:{}:{}, 62:63:{}:{}, 63:64:{}: {}, 64:65:{}:{}, 65:66:{}:{}, 66:67:{}:{}, 67:68:{}:{}, 68:69:{}:{}, 69:70:{}:{}, 79:70:{}:{}, 72:73:{}:{}, 72:73:{}:{}, 72:73:{}:{}, 73:74:{}:{}, 74:75:{}:{}, 75:76:{}:{}, 76:77:{}:{}, 78:79:{}:{}, 78:79:{}:{}, 88:89:{}:{}, 89:90:{}:{}, 90:91:{}:{}, 91:92:{}:{}, 92:93:{}:{}, 93:94:{}:{}, 94:95:{}:{}, 95:96:{}:{}, 96:97:{}:{}, 97:98:{}:{}, 98:99}:{}:{}, Name:{\\0\\\:\\\"Wii Sport s\\\"\":{}":{}, ...] Index: []

[0 rows x 1089 columns]

Empty DataFrame

7:18:{}:{}, 18:19:{};{}, 19:20:{}:{}, 20:21:{}:{}, 21:22:{}:{}, 22:23:{}:{}, 23:24:{}:{}, 24:25:{}:{}, 25:26:{}:{}, 26:27: {}:{}, 27:28:{}:{}, 28:29:{}:{}, 29:30:{}:{}, 30:31:{}:{}, 31:32:{}:{}, 32:33:{}:{}, 33:34:{}:{}, 34:35:{}:{}, 35:36:{}: {}, 36:37:{}:{}, 37:38:{}:{}, 38:39:{}:{}, 39:40:{}:{}, 40:41:{}:{}, 41:42:{}:{}, 42:43:{}:{}, 43:44:{}:{}, 44:45:{}:{}, 4 5:46:{}:{}, 46:47:{}:{}, 47:48:{}:{}, 48:49:{}:{}, 49:50:{}:{}, 50:51:{}:{}, 51:52:{}:{}, 52:53:{}:{}, 53:54:{}:{}, 54:55: {}:{}, 55:56:{}:{}, 56:57:{}:{}, 57:58:{}:{}, 58:59:{}:{}, 59:60:{}:{}, 60:61:{}:{}, 61:62:{}:{}, 62:63:{}:{}, 63:64:{}: {}, 64:65:{}:{}, 65:66:{}:{}, 66:67:{}:{}, 67:68:{}:{}, 68:69:{}:{}, 69:70:{}:{}, 70:71:{}:{}, 71:72:{}:{}, 72:73:{}:{}, 73:74:{}:{}, 74:75:{}:{}, 75:76:{}:{}, 76:77:{}:{}, 77:78:{}:{}, 78:79:{}:{}, 79:80:{}:{}, 80:81:{}:{}, 81:82:{}:{}, 82:83: {}:{}, 83:84:{}:{}, 84:85:{}:{}, 85:86:{}:{}, 86:87:{}:{}, 87:88:{}:{}, 88:89:{}:{}, 89:90:{}:{}, 90:91:{}:{}, 91:92:{}: $\{\}, 92:93:\{\}:\{\}, 93:94:\{\}:\{\}, 94:95:\{\}:\{\}, 95:96:\{\}:\{\}, 96:97:\{\}:\{\}, 97:98:\{\}:\{\}, 98:99\}:\{\}:\{\}, Name:\{\0\\)"Wii Sport Property Property$ s\\\"\":{}":{}, ...]

[0 rows x 1089 columns]