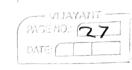
<del>+</del>					
G. H. Raisoni College Of Engineering And Management, Wagholi Pune					
<u>2021- 2022</u>					
Group B :-Assignment no :-7					
Department	CE [SUMMER 2022 (Online)]				
Term / Section	III/B	Date O	f submission	13-12-2021	
Subject Name /Code	Python for Data Science / UCSP204				
Roll No.	SCOB77	Name	Pratham Rajkumar pitty		
Registration Number	2020AC0E11001	07			



## Group B: -> Assignment No? (14)

Aim :>download loo cc Records csv File from

https://efoxexcel.com/wp-content/uplous/2017/07/100
cc-Records.zip

and read the CSV into a Data Frame

• Display the card type, Holder name issuing bunk

andicredit illimit of the Holders from 20

to 40 (row indexes) using loc and iloc Commands

• Display all columns and table information.

Theory:

pandas Dataframe is 2-D size-mutable,

pondes patatogme is 2-D size-mutable, potentially heterogeneous tobular data structure with labled axes (rows and colums). A Datatome in Pandas consist of 3 poincipal components, the data rows 4 column.

Syntan:>

the following constanted to singer column, dtype, copy)

A port das data frame can be coequed using vorious inpox
"inco

· Another data frame

Thereing a data Frame Using Joss :

This Function selects duta
by label of the rows and column. The df. 100

nba-sv- Fik	> https:// medial.geeksforgeeks.org/wp-content/uploay
	indexed selects data ina different way that Just the
	indexing operator. It can select subset of rows and
	columns. 4150 Simol Maneously.
	Sel Ex
#	selecting a single room
	impost pandas as pd.
	data = Pd. read CSV ("N bo CSV" lindex col= Name")
7.90	FixSt= data loc [ Avery Boadley"]
	Second = data 10 ( R. J. Hunter")
	Point (First, "INIA") Second)
3, 700	Indexing a data forme using iloc []:>
	This Function alocas us to betrive your
1. 3.	and columns by position its Hear we have to
> ' '	specify the position of rows and column.
	The df. loc of df. iloc are very sim ilax butony
	USES integer location tomake its selections
	EX
#	belecting a single row
	im post pandas as-pd
	data = Pd. xead_csv("Dba.csv"index_col="Name")
(60)	50c02 = data. 106 [3]
	Print (80W 2)
	- C-40 (C) (C) (C) (C)
F . V .	the production of the state of
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## Program code :-

print("************SCOB77_Pratham pitty_Group B_Assignment_7**********")
print("\n")
import pandas as pd
df_salesfile = pd.read_csv('C:\\Users\prath\Videos\#2.second year\sem3\PDS\csv files\CCRecords.csv')
print (df_salesfile.loc[20:40, ['Card Type Full Name', 'Card Holder', 'Expiry Date', 'Credit Limit']]
nrint (df. salesfile info())

output:-

```
In [14]:
```

\*\*\*\*\*\*\*\*SCOB77\_Pratham pitty\_Group B\_Assignment\_7\*\*\*\*\*\*\*\*

\_\_\_\_\_

	Card Type Full Name	Card Holder	Expiry Date	Credit Limit
20	Japan Credit Bureau	Janet Alexander	Sep-23	119300
21	Discover	Jim X Ballard	Sep-29	42900
22	Discover	Howard X Nelson	Feb-30	29500
23	Visa	Eleanor Callahan	Mar-24	167400
24	Diners Club International	Lillian M Green	Feb-21	18900
25	Diners Club International	Judith I Rollins	Aug-31	85300
26	Japan Credit Bureau	Jeffrey J Barnes	Aug-23	155600
27	Master Card	Victor J Mercado	Sep-18	27000
28	Visa	Justin Y Coleman	Jun-08	154800
29	American Express	Heather Wong	Feb-20	10700
30	Discover	Marilyn E Coleman	Oct-24	188300
31	Master Card	Grace D Sparks	Jul-09	170100
32	Discover	Donna A Rodriguez	Apr-20	189200
33	Master Card	Anita O Brennan	May-15	83900
34	Visa	Jack Foster	Mar-21	57300
35	Master Card	Arthur Hines	Oct-23	154800
36	Diners Club International	Diane R Ross	May-18	177200
37	Japan Credit Bureau	Leonard K Browning	Nov-21	151400
38	Master Card	Nancy C Cox	Jun-16	187600
39	Master Card	Howard R Bernard	Jun-26	143400
40	Master Card	Phyllis H Johnson	Mar-24	71000

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 100 entries, 0 to 99 Data columns (total 11 columns):

#	Column	Non-Null Count	Dtype
0	Card Type Code	100 non-null	object
1	Card Type Full Name	100 non-null	object
2	Issuing Bank	100 non-null	object
3	Card Number	100 non-null	float64
4	Card Holder	100 non-null	object
5	CVV/CVV2	100 non-null	int64
6	Issue Date	100 non-null	object
7	Expiry Date	100 non-null	object
8	Billing Date	100 non-null	int64
9	Card PIN	100 non-null	int64
10	Credit Limit	100 non-null	int64

dtypes: float64(1), int64(4), object(6)

memory usage: 8.7+ KB

None

## In [ ]: