

Assignment-4

1. Perform the data cloning process in python.

```
import pandas as pd
import numpy as np
data = pd.read_csv('employeesnew.csv')
print(data.isnull())
print(data.isnull().sum())
print(data)
remove remove = ['EMPLOYEE_ID']
data.drop(remove, inplace=True, axis=1)
print(data)
print(['NAME'] = data['NAME'].fillna('Anu'))
print(data)
print(data.duplicated())
print(data.drop_duplicates())
print(data['NAME'].describe())
data.loc[23, 'SALARY'] = 90000
print(data)
data data['NAME'] = data['NAME'].str.lower()
data['JOB_ID'] = data['JOB_ID'].str.title()
print(data)
```

Output :-

	EMPLOYEE_ID	NAME	...	SALARY	MANAGER_ID
0	FALSE	FALSE	...	FALSE	FALSE
⋮	⋮	⋮	⋮	⋮	⋮
23	True	True	...	FALSE	FALSE

[24 rows x 7 columns]

EMPLOYEE_ID 1
 NAME 1
 PHONE_NUMBER 2
 HIRE_DATE 0
 JOB_ID 1
 SALARY 0
 MANAGER_ID 0

	EMPLOYEE_ID	NAME	...	SALARY	MANAGER_ID
0	198	Donald	...	2600	124
:	:	:	:	:	:
23	NAN	NAN	...	10000	100

[24 rows x 7 columns]

	NAME	PHONE_NUMBER	...	SALARY	MANAGER_ID
0	Donald	650.507.9833	...	2600	124
:	:	:	:	:	:
23	NAN	650.121.654	...	10000	100

[24 rows x 2 columns]

	NAME	PHONE_NUMBER	...	SALARY	MANAGER_ID
0	Donald	650.507.9833	...	2600	124
:	:	:	:	:	:
23	Anna	650.121.654	...	10000	100

[24 rows x 7 columns]

0 False
 :
 :
 22 True
 23 False

[24 rows x 1 column]

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 17.11.23.