# -\*- coding: utf-8 -\*-

"""

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@author: Aswathi Achu

"""

import pandas as pd

import numpy as np

raw\_data = {

'first\_name': ['Jason', 'Molly', 'Tina', 'Jake', 'Amy'],

'last\_name': ['Miller', 'Jacobson', ".", 'Milner','Cooze'],

'age': [42, 52, 36, 24, 73],

'preTestScore': [4, 24, 31, ".", "."],

'postTestScore': ["25,000", "94,000", 57, 62, 70]

}

df = pd.DataFrame(raw\_data)

print(df)

df.to\_csv('project.csv',sep=',')

project = pd.read\_csv('project.csv', index\_col=('Unnamed: 0'))

df = pd.DataFrame(project)

print(df)

project1 = pd.read\_csv('project.csv', header=None)

df1 = pd.DataFrame(project1)

print(df1)

project2 = pd.read\_csv('project.csv', index\_col= (['first\_name', 'last\_name']))

df2 = pd.DataFrame(project2)

print(df2)

df3 = df2[['age', 'preTestScore', 'postTestScore']]

for col in df3.columns:

for i in np.arange(0,len(df3[col])):

val = df3[col][i]

if (pd.isna(val)):

df[col][i] = 1

else:

df[col][i] = 0

print(df)

print(df[3:])