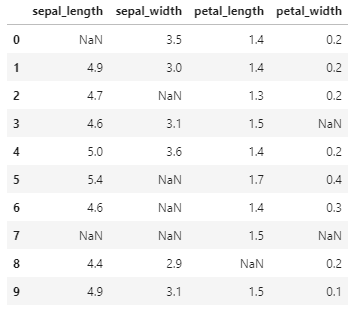
[ 판다스 실습(5) ]

제출 파일명 : exercise8\_1.ipynb

1. 다음에 제시된 코드를 수행시켜서 누락데이터를 일부 갖게되는 데이터 프레임을 생성한다.

import pandas as pd

import seaborn as sns

import numpy as np

iris = sns.load\_dataset("iris")

iris\_x = iris.loc[:,['sepal\_length', 'sepal\_width',

'petal\_length', 'petal\_width']]

import random

random.seed(1)

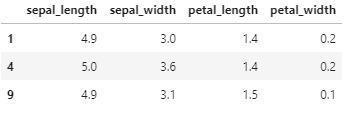
for col in range(4):

iris\_x.iloc[[random.sample(range(len(iris)), 20)], col] = float('nan')

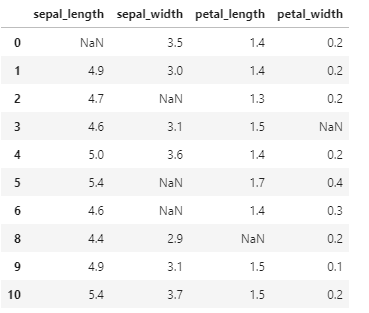
iris\_x.head(10)

다음에 제시된 결과와 같이 구성되도록 누락데이터를 처리하시오.

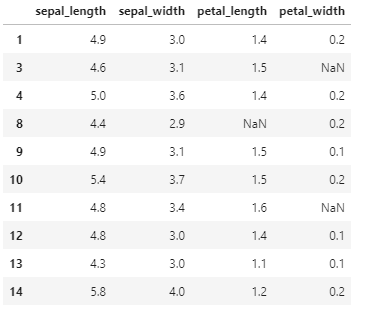
(1)



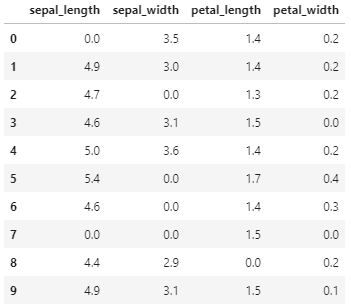
(2)



(3)



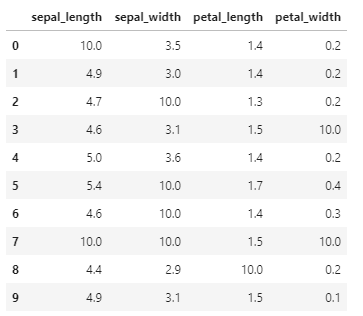
(4)



(5)



(6)

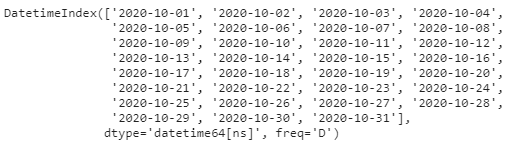


(7)

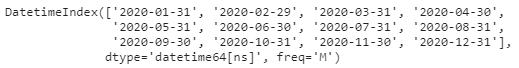


2. 다음 내용으로 구성되는 Timestamp 배열을 생성하시오.

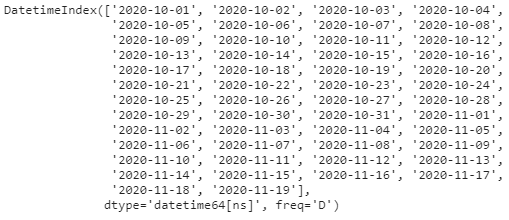
(1)



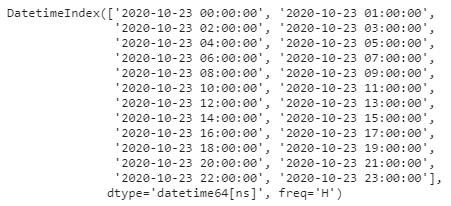
(2)



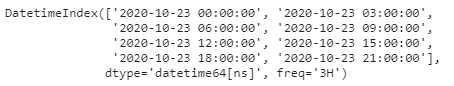
(3)



(4)



(5)

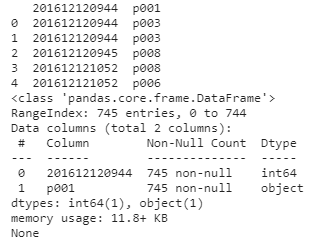


(6)

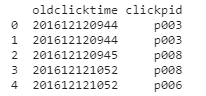


3. product\_click.log 파일을 읽어서 판다스의 DataFrame 객체로 생성하고 다음에 제시된 결과화면을 보면서 문제들을 해결해 본다.

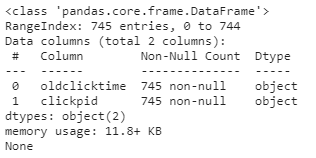
(1)



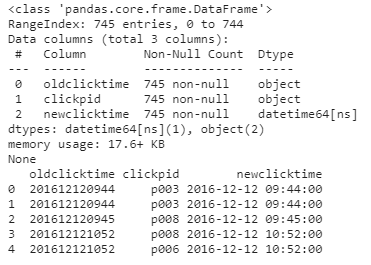
(2)



(3)



(4)



(5)

