PROGRAM 1

Date:05-04-2024

Write a python program to import and export data using Pandas library functions

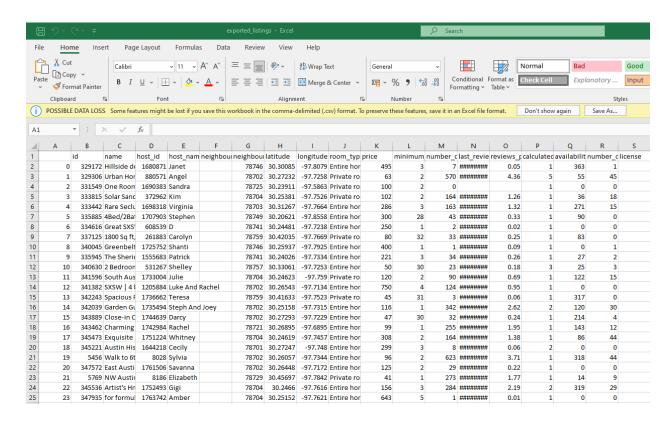
Program -1 Write a python program to import and export data using randas library functions IMPORT: import pandas as pd ourbnb-data = pd. read cs v (" listings.cs v") airbnb-data.head()
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ourbnb_datg.to_csv ("enported_witings."> v")
READING DATA FROM URL:
url = "https://archive.ics.uci.edu/mi/machine-lean - databases /inis/inis.data" col_names = ["sepal_length_in_cm", "sepal_width in_cm", "petal_length_in_cm",
" petal_width_in_cm", "class"]
iris_data = pd. read_cav (url, names= col_namu)
inis_data.head()

Import:

import pandas as pd
Read the CSV file
airbnb_data = pd.read_csv("listings.csv")
View the first 5 rows
airbnb_data.head()

[1]:		d name	host_id	host_name	${\sf neighbourhood_group}$	neighbourhood	latitude	longitude	room_type	price	minimum_nights	number_of_reviews	last_rc
	0 32917	Hillside designer home,10 min.dwntn	1680871	Janet	NaN	78746	30.30085	-97.80794	Entire home/apt	495	3	7	2022-
	1 32930	Urban Homestead, 6 5 minutes to downtown	880571	Angel	NaN	78702	30.27232	-97.72579	Private room	63	2	570	2022-
	2 33154	One Room 9 with Private Bathroom	1690383	Sandra	NaN	78725	30.23911	-97.58625	Private room	100	2	0	
	3 3338	Solar Sanctuary - Austin Room	372962	Kim	NaN	78704	30.25381	-97.75262	Private room	102	2	164	2022-
	4 33344	Rare Secluded 1940s Estate	1698318	Virginia	NaN	78703	30.31267	-97.76641	Entire home/apt	286	3	163	2022-

Export:
airbnb_data.to_csv("exported_listings.csv")



Reading data from URL:

url = "https://archive.ics.uci.edu/ml/machine-learning-databases/iris/iris.data"

[10]:		sepal_length_in_cm	sepal_width_in_cm	petal_length_in_cm	petal_width_in_cm	class
	0	5.1	3.5	1.4	0.2	Iris-setosa
	1	4.9	3.0	1.4	0.2	Iris-setosa
	2	4.7	3.2	1.3	0.2	Iris-setosa
	3	4.6	3.1	1.5	0.2	Iris-setosa
	4	5.0	3.6	1.4	0.2	Iris-setosa