1. Write a python program to import and export data using Pandas library functions. Demonstrate various data pre-processing techniques for a given dataset.

Code:

import pandas as pd

# Read the CSV file

airbnb\_data = pd.read\_csv("austinHousingData.csv")

# View the first 5 rows

airbnb\_data.head()

# Webpage URL

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

# Define the column names

col\_names = ["sepal\_length\_in\_cm",

"sepal\_width\_in\_cm",

"petal\_length\_in\_cm",

"petal\_width\_in\_cm",

"class"]

# Read data from URL

iris\_data = pd.read\_csv(url, names=col\_names)

iris\_data.head()

output:



