***#Importing data***

import pandas as pd

file\_path=r'C:\Users\.. \n\_data\_clean.csv'

data=pd.read\_csv(file\_path)

***#Observational data***

print(data.head())

print(data.info())

print(data.isnull().sum())

***#Remove extra columns***

data=data.drop(columns='aha')

***#Add letters and symbols to columns, for example a1\_.//b→…1***

data['RAD']=data['RAD'].str.strip('abc.\_/')

***#Add letters and symbols to columns, for example 0a.5b3 8c→0.538***

data['NOX']=data['NOX'].str.replace(r'[a-zA-Z ]','',regex=True)

***#Separate columns***

data[['RM','DIS']]=data['RM+DIS'].str.split(' ',expand=True)#分开列

***#Remove extra columns***

data=data.drop(columns=['RM+DIS'])#去除列

***#Remove null values***

data=data.replace('N/a','')

data=data.replace('NaN','')

data=data.fillna('')

***#exporting data***

data.to\_csv('housing\_data2.csv')