import pandas as pd

import seaborn as sns

import matplotlib.pyplot as plt

import numpy as np

print("All Modules imported Successfully")

cht=pd.read\_csv("housing.csv")

cht.describe()

correlation\_matrix=cht.corr()

plt.figure(figsize=(12,12))

sns.heatmap(correlation\_matrix,annot= True, cmap="coolwarm",linewidths=0.5)

plt.title("Correlation Heatmap fot cht Dataset")

plt.show()

duplicate=cht.drop\_duplicates(subset='total\_rooms',)

duplicate

cht.corr(method='pearson')

sns.jointplot(x="households", y="population", data=cht, kind="kde");

plt.show()