import matplotlib.pyplot as plt  
import pandas as pd  
# 解决图标题中文乱码问题  
import matplotlib as mpl  
mpl.rcParams['font.sans-serif'] = ['SimHei'] # 指定默认字体  
mpl.rcParams['axes.unicode\_minus'] = False # 解决保存图像是负号'-'显示为方块的问题  
  
df = pd.read\_excel('.\\数据.xlsx')  
print(df)  
  
plt.scatter(df['总人口数'],df['新能源汽车保有量'],marker='x',)  
plt.xlabel('Total population/billion')

plt.ylabel('Total number of new energy vehicles / ten thousand')  
plt.show()