import numpy as np  
  
path = r"C:\Users\21811\Desktop\双创\2023大创\data\PEMS04\_5min\pems04\_scale2\_data.npy"  
data = np.load(path)  
  
print(data)

C:\Users\21811\AppData\Local\Programs\Python\Python39\python.exe C:/Users/21811/Desktop/学习/python/pycharm/TEST.py

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进程已结束,退出代码0

import numpy as np  
import matplotlib.pyplot as plt  
from mpl\_toolkits.mplot3d import Axes3D  
  
# 加载.npy文件  
path = r"C:\Users\21811\Desktop\双创\2023大创\data\PEMS04\_5min\pems04\_scale2\_data.npy"  
data = np.load(path)  
  
# 获取x、y、z的值  
x = data[:, 0]  
y = data[:, 1]  
z = data[:, 2:]  
  
# 创建3D图形对象  
fig = plt.figure()  
ax = fig.add\_subplot(111, projection='3d')  
  
# 绘制散点图，并更改点颜色为红色  
ax.scatter(x, y, zs=z[:,0], zdir='z', s=3, c='r', depthshade=True, alpha=0.3, edgecolors='none')  
  
  
# 设置坐标轴范围  
ax.set\_xlim([np.min(x) - 0.1, np.max(x) + 0.1])  
ax.set\_ylim([np.min(y) - 0.1, np.max(y) + 0.1])  
ax.set\_zlim([np.min(z) - 0.1, np.max(z) + 0.1])  
  
# 显示图形  
plt.show()

