



```
plt.figure(figsize=(10, 8))
plt.scatter(np.arange(len(ro)), ro.values, c='red', s=10, label='Reachability (ordered)')
plt.plot(*args: np.arange(len(ro)), ro.values, linestyle='--', marker='o', markersize=2, c='green')
plt.title('OPTICS Reachability Plot')
plt.legend()
plt.xlabel('Ordering position')
plt.ylabel('Reachability distance')
plt.show()
```