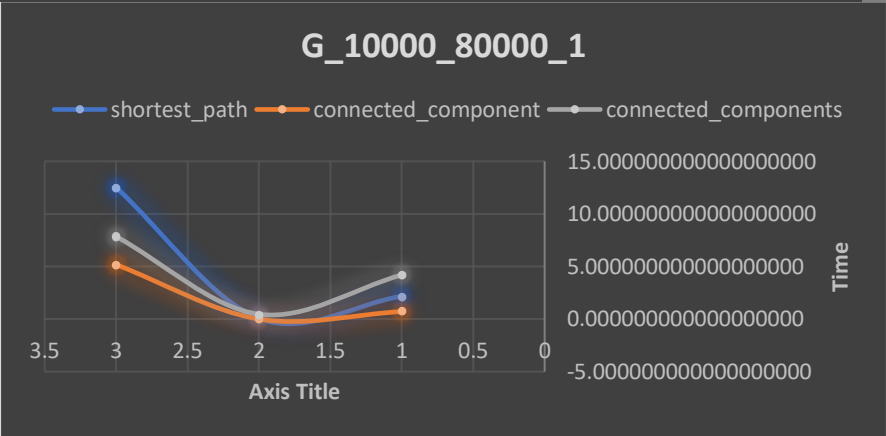| Java | NetworkX | Python | G_10_80_1 |
|---|---|---|---|
| 0.006 | 0.000000000000000000 | 0.000000000000000000 | shortest_path |
| 0.005 | 0.000000000000000000 | 0.000000000000000000 | connected_component |
| 0.006 | 0.000000000000000000 | 0.000000000000000000 | connected_components |

### G_10_80_1
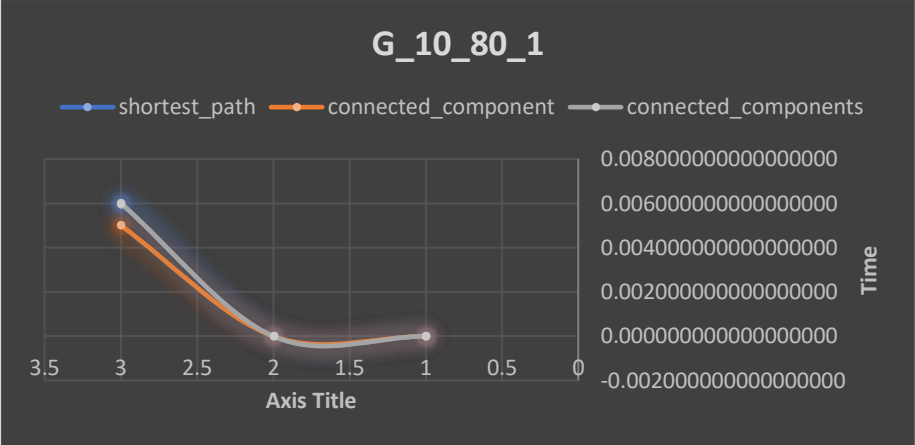


| Java | NetworkX | Python | G_100_800_1 |
|---|---|---|---|
| 0.009 | 0.000000000000000000 | 0.007979869842529290 | shortest_path |
| 0.007 | 0.000000000000000000 | 0.004066467285156250 | connected_component |
| 0.008 | 0.000998973846435546 | 0.003911018371582030 | connected_components |
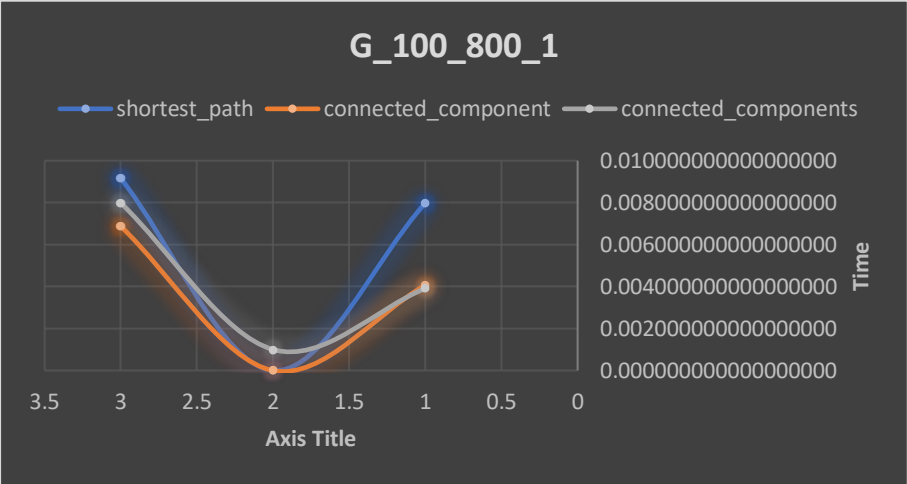
### G_100_800_1



| Java | NetworkX | Python | G_1000_8000_1 |
|---|---|---|---|
| 0.154 | 0.004883050918579100 | 0.123566389083862000 | shortest_path |
| 0.922 | 0.000000000000000000 | 0.058796644210815400 | connected_component |
| 0.216 | 0.017358064651489200 | 0.103121280670166000 | connected_components |
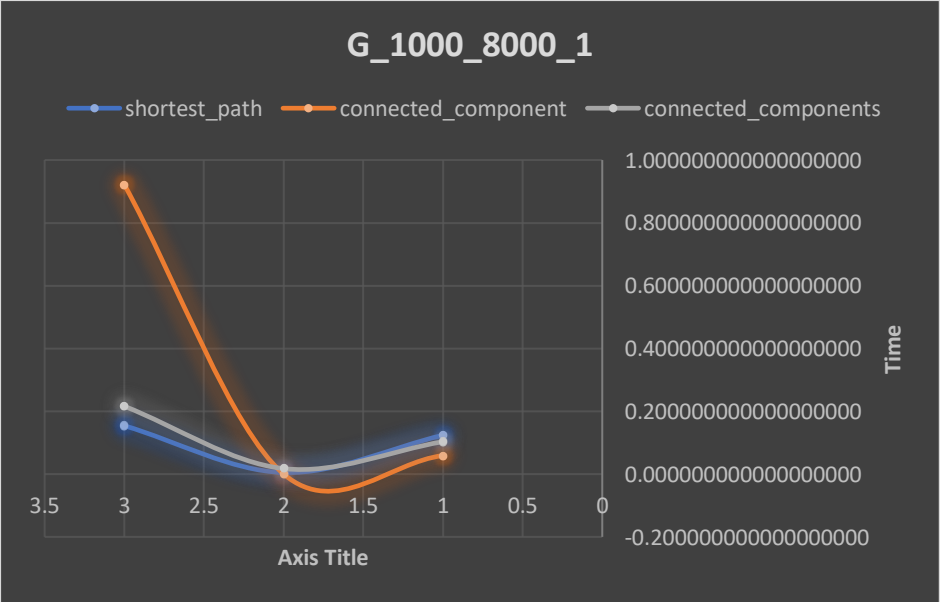
### G_1000_8000_1

| Java | NetworkX | Python | G_10000_80000_1 |
|---|---|---|---|
| 12.518 | 0.057807445526123000 | 2.171133279800410000 | shortest_path |
| 5.179 | 0.000000000000000000 | 0.716273069381713000 | connected_component |
| 7.853 | 0.465006589889526000 | 4.197807550430290000 | connected_components |

### G_10000_80000_1

shortest_path — connected_component — connected_components



| Java | NetworkX | Python | G_20000_160000_1 |
|---|---|---|---|
| 53.189 | 0.475011587142944000 | 3.109698057174680000 | shortest_path |
| 17.923 | 0.000000000000000000 | 1.252341270446770000 | connected_component |
| 184.196 | 0.446597576141357000 | 19.230923652648900000 | connected_components |

### G_20000_160000_1

shortest_path — connected_component — connected_components
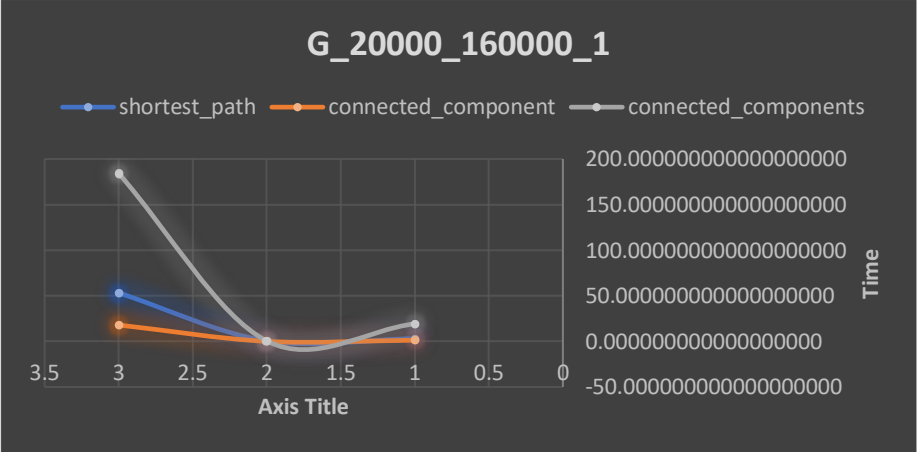


| Java | NetworkX | Python | G_30000_240000_1 |
|---|---|---|---|
| 146.489 | 0.673276901245117000 | 6.165347337722770000 | shortest_path |
| 37.104 | 0.000000000000000000 | 2.246270418167110000 | connected_component |
| 307.053 | 0.703773021697998000 | 80.922876834869300000 | connected_components |

### G_30000_240000_1

shortest_path — connected_component — connected_components