# Homework 4

#### Gus Lipkin

This graph database represents the people I talk to on a daily basis. Some are coworkers, friends, family, or fill multiple roles.

### Code

```
CREATE (me:Person { name: "Gus",
                         from: "Boston",
 2
 3
                         worksAt: "SGA, SDC",
                         schoolAt: "Florida Poly"})
 4
 5
    CREATE (hs:Person { name: "Hail",
 6
                          from: "Spring Hill",
 8
                          worksAt: "SGA",
                          schoolAt: "Florida Poly" }),
 9
10
                         (gl)-[:KNOWS]->(hs), (gl)-[:WORKSWITH]->(hs), (gl)-[:SCHOOLWITH]-
    >(hs),
             (aa:Person { name: "Austin",
11
                          from: "San Francisco",
12
                          schoolAt: "Florida Poly" }),
13
14
                          (gl)-[:KNOWS]->(aa), (gl)-[:SCHOOLWITH]->(aa),
                          (hs)-[:KNOWS]->(aa), (hs)-[:SCHOOLWITH]->(aa),
15
             (jg:Person { name: "Jake",
16
17
                          from: "Miami",
18
                          worksAt: "SGA, Draken",
                          schoolAt: "Florida Poly" }),
19
20
                          (gl)-[:KNOWS]->(jg), (gl)-[:WORKSWITH]->(jg), (gl)-
    [:SCHOOLWITH]->(jg),
             (imz:Person { name: "Izzy",
21
22
                           from: "Boca Raton",
23
                           worksAt: "Draken",
24
                           schoolAt: "Florida Poly" }),
25
                           (gl)-[:KNOWS]->(imz), (gl)-[:SCHOOLWITH]->(imz), (gl)-
    [:ROOMIESWITH]->(imz),
26
                           (aa)-[:KNOWS]->(imz), (aa)-[:SCHOOLWITH]->(imz),
27
                           (hs)-[:KNOWS]->(imz), (hs)-[:SCHOOLWITH]->(imz),
28
                           (jg)-[:KNOWS]->(imz), (jg)-[:WORKSWITH]->(imz), (jg)-
    [:SCHOOLWITH]->(imz),
             (ts:Person { name: "Tucker",
29
                          from: "Jupiter",
30
31
                          worksAt: "M&M Systems",
```

```
32
                          schoolAt: "Florida Poly" }),
33
                          (gl)-[:KNOWS]->(ts), (gl)-[:SCHOOLWITH]->(ts),
34
                          (hs)-[:KNOWS]->(ts),
35
                          (imz)-[:KNOWS]->(ts),
             (lm:Person { name: "Lukas",
36
37
                          from: "Jupiter",
38
                          worksAt: "M&M Systems",
                          schoolAt: "Florida Poly" }),
39
                          (gl)-[:KNOWS]->(ts), (gl)-[:SCHOOLWITH]->(ts),
40
41
                          (hs)-[:KNOWS]->(ts),
42
                          (ts)-[:KNOWS]->(lm), (ts)-[:WORKSWITH]->(lm), (ts)-
    [:SCHOOLWITH]->(lm),
43
             (ml:Person { name: "Macy",
                          from: "Boston",
44
                          worksAt: "NENC",
45
                          schoolAt: "Wellesley" }),
46
                          (gl)-[:KNOWS]->(ml), (gl)-[:RELATEDTO]->(ml),
47
48
                          (imz)-[:KNOWS]->(ml),
             (m:Person { name: "Mom",
49
                          from: "Commack",
50
                          worksAt: "Mass DPH",
51
                          schoolAt: "Oberlin" }),
52
53
                          (gl)-[:KNOWS]->(m), (gl)-[:RELATEDTO]->(m),
54
                          (ml)-[:KNOWS]->(m), (ml)-[:RELATEDTO]->(m),
55
             (eh:Person { name: "Esther",
                          from: "Long Island"}),
56
57
                          (gl)-[:KNOWS]->(eh),
58
                          (ml)-[:KNOWS]->(eh),
                          (m)-[:KNOWS]->(eh),
59
             (iz:Person { name: "Isabel",
60
61
                          from: "Peoria",
                          worksAt: "RStudio",
62
                          schoolAt: "Florida Poly" }),
63
                          (gl)-[:KNOWS]->(imz), (gl)-[:SCHOOLWITH]->(iz),
64
65
                          (aa)-[:KNOWS]->(imz), (aa)-[:SCHOOLWITH]->(iz),
66
                          (hs)-[:KNOWS]->(imz), (hs)-[:SCHOOLWITH]->(iz),
                          (jg)-[:KNOWS]->(imz), (jg)-[:SCHOOLWITH]->(imz),
67
                          (imz)-[:KNOWS]->(iz), (imz)-[:SCHOOLWITH]->(iz),
68
69
             (ch:Person { name: "Chris",
70
                          from: "Boston",
71
                          worksAt: "MSA",
72
                          schoolAt: "Bates" }),
73
                          (gl)-[:KNOWS]->(ch),
74
                          (ml)-[:KNOWS]->(ch),
75
                          (m) - [:KNOWS] -> (ch),
76
                          (imz)-[:KNOWS]->(ch),
```

```
77
              (ah:Person { name: "Antonio",
 78
                           from: "Tampa",
                           worksAt: "SGA",
 79
                           schoolAt: "Florida Poly" }),
 80
                           (gl)-[:KNOWS]->(ah), (gl)-[:SCHOOLWITH]->(ah), (gl)-
 81
     [:WORKSWITH]->(ah),
 82
                           (aa)-[:SCHOOLWITH]->(ah),
 83
                           (hs)-[:KNOWS]->(ah), (hs)-[:SCHOOLWITH]->(ah), (hs)-
     [:WORKSWITH]->(ah),
 84
                           (jg)-[:KNOWS]->(ah), (jg)-[:SCHOOLWITH]->(ah), (jg)-
     [:WORKSWITH]->(ah),
 85
                           (imz)-[:SCHOOLWITH]->(ah),
 86
                           (iz)-[:SCHOOLWITH]->(ah),
              (mr:Person { name: "Melia",
 87
                           from: "Boca Raton",
 88
                           worksAt: "SGA",
 89
                           schoolAt: "Florida Poly" }),
 90
 91
                           (gl)-[:KNOWS]->(mr), (gl)-[:SCHOOLWITH]->(mr), (gl)-
     [:WORKSWITH]->(mr),
 92
                           (aa)-[:SCHOOLWITH]->(mr),
 93
                           (hs)-[:KNOWS]->(mr), (hs)-[:SCHOOLWITH]->(mr), (hs)-
     [:WORKSWITH]->(mr),
 94
                           (jg)-[:KNOWS]->(mr), (jg)-[:SCHOOLWITH]->(mr), (jg)-
     [:WORKSWITH]->(mr),
 95
                           (imz)-[:KNOWS]->(mr), (imz)-[:SCHOOLWITH]->(mr),
 96
                           (iz)-[:SCHOOLWITH]->(mr),
 97
                           (ah)-[:KNOWS]->(mr), (ah)-[:SCHOOLWITH]->(mr), (ah)-
     [:WORKSWITH]->(mr),
 98
              (vp:Person { name: "Veronika",
 99
                           worksAt: "SDC",
                           schoolAt: "Florida Poly" }),
100
101
                           (gl)-[:KNOWS]->(vp), (gl)-[:SCHOOLWITH]->(vp), (gl)-
     [:WORKSWITH]->(vp),
102
                           (aa)-[:SCHOOLWITH]->(vp),
103
                           (hs)-[:KNOWS]->(vp), (hs)-[:SCHOOLWITH]->(vp),
104
                           (jg)-[:SCHOOLWITH]->(vp),
105
                           (imz)-[:KNOWS]->(vp), (imz)-[:SCHOOLWITH]->(vp),
106
                           (iz)-[:KNOWS]->(vp), (iz)-[:SCHOOLWITH]->(vp),
                           (ah)-[:SCHOOLWITH]->(vp),
107
108
                           (mr)-[:KNOWS]->(vp), (mr)-[:SCHOOLWITH]->(vp),
109
              (al:Person { name: "Ayden",
110
                           from: "Tallahassee",
111
                           worksAt: "SDC",
112
                           schoolAt: "Florida Poly" }),
113
                           (gl)-[:KNOWS]->(al), (gl)-[:SCHOOLWITH]->(al), (gl)-
     [:WORKSWITH]->(al),
```

```
114
                            (aa)-[:SCHOOLWITH]->(al),
115
                            (hs)-[:SCHOOLWITH]->(al),
116
                            (jg)-[:SCHOOLWITH]->(al),
117
                            (imz)-[:KNOWS]->(al), (imz)-[:SCHOOLWITH]->(al),
118
                            (iz)-[:SCHOOLWITH]->(al),
119
                            (ah)-[:SCHOOLWITH]->(al),
120
                            (mr)-[:SCHOOLWITH]->(al),
121
                            (vp)-[:KNOWS]->(al), (vp)-[:SCHOOLWITH]->(al), (vp)-
     [:WORKSWITH]->(al),
              (vc:Person { name: "Val",
122
123
                           worksAt: "SDC",
124
                            schoolAt: "Florida Poly" }),
125
                            (gl)-[:KNOWS]->(vc), (gl)-[:SCHOOLWITH]->(vc), (gl)-
     [:WORKSWITH]->(vc),
126
                            (aa)-[:SCHOOLWITH]->(vc),
127
                            (hs)-[:KNOWS]->(vc), (hs)-[:SCHOOLWITH]->(vc),
128
                            (jg)-[:KNOWS]->(vc), (jg)-[:SCHOOLWITH]->(vc),
129
                            (imz)-[:KNOWS]->(vc), (imz)-[:SCHOOLWITH]->(vc),
130
                            (iz)-[:KNOWS]->(vc), (iz)-[:SCHOOLWITH]->(vc), (iz)-
     [:ROOMIESWITH]->(vc),
131
                            (ah)-[:KNOWS]->(vc), (ah)-[:SCHOOLWITH]->(al),
132
                            (mr)-[:KNOWS]->(vc), (mr)-[:SCHOOLWITH]->(al),
                            (vp)-[:KNOWS]->(vc), (vp)-[:SCHOOLWITH]->(vc), (vp)-
133
     [:WORKSWITH]->(vc),
134
                            (al)-[:KNOWS]->(vc), (al)-[:SCHOOLWITH]->(vc), (al)-[:CHOOLWITH]->(vc)
     [:WORKSWITH]->(vc),
135
              (dl:Person { name: "Derek",
                            from: "Lakeland",
136
137
                           worksAt: "SDC",
                            schoolAt: "UCF" }),
138
139
                            (gl)-[:KNOWS]->(dl), (gl)-[:WORKSFOR]->(dl),
140
                            (hs)-[:KNOWS]->(dl),
141
                            (jg)-[:KNOWS]->(dl),
142
                            (imz)-[:KNOWS]->(dl),
143
                            (iz)-[:KNOWS]->(dl),
144
                            (ah)-[:KNOWS]->(dl),
145
                            (mr)-[:KNOWS]->(dl),
                            (vp)-[:KNOWS]->(dl), (vp)-[:WORKSFOR]->(dl),
146
147
                            (al)-[:KNOWS]->(dl), (al)-[:WORKSFOR]->(dl),
148
              (rs:Person { name: "Rahne",
                            from: "Spring Hill",
149
                            worksAt: "TGH" }),
150
151
                            (gl)-[:KNOWS]->(rs),
152
                            (hs)-[:KNOWS]->(rs), (hs)-[:RELATEDTO]->(rs),
153
                            (jg)-[:KNOWS]->(rs),
154
                            (imz)-[:KNOWS]->(rs),
```

```
155
                           (iz)-[:KNOWS]->(rs),
156
                           (mr)-[:KNOWS]->(rs),
              (bs:Person { name: "Brenda",
157
158
                           from: "Boston",
                           worksAt: "FCC" }),
159
160
                           (gl)-[:KNOWS]->(rs),
161
                           (hs)-[:KNOWS]->(rs), (hs)-[:RELATEDTO]->(rs),
162
                           (rs)-[:KNOWS]->(bs), (rs)-[:RELATEDTO]->(bs), (rs)-
     [:ROOMIESWITH]->(bs)
163
164
     MATCH p=()-[r:KNOWS]->() RETURN p
     MATCH p=()-[r:RELATEDTO]->() RETURN p
165
166
     MATCH p=()-[r:ROOMIESWITH]->() RETURN p
     MATCH p=()-[r:SCHOOLWITH]->() RETURN p
167
     MATCH p=()-[r:WORKSFOR]->() RETURN p
168
169
     MATCH p=()-[r:WORKSWITH]->() RETURN p
```

## **Code and Results**

## **Initial Setup**

```
CREATE (me:Person { name: "Gus",
 2
                         from: "Boston",
 3
                         worksAt: "SGA, SDC",
                         schoolAt: "Florida Poly"})
 4
 5
    CREATE (hs:Person { name: "Hail",
 6
 7
                          from: "Spring Hill",
                          worksAt: "SGA",
 8
 9
                          schoolAt: "Florida Poly" }),
10
                         (gl)-[:KNOWS]->(hs), (gl)-[:WORKSWITH]->(hs), (gl)-[:SCHOOLWITH]-
    >(hs),
             (aa:Person { name: "Austin",
11
                          from: "San Francisco",
12
                          schoolAt: "Florida Poly" }),
13
14
                          (gl)-[:KNOWS]->(aa), (gl)-[:SCHOOLWITH]->(aa),
                          (hs)-[:KNOWS]->(aa), (hs)-[:SCHOOLWITH]->(aa),
15
             (jg:Person { name: "Jake",
16
17
                          from: "Miami",
18
                          worksAt: "SGA, Draken",
19
                          schoolAt: "Florida Poly" }),
                          (gl)-[:KNOWS]->(jg), (gl)-[:WORKSWITH]->(jg), (gl)-
20
    [:SCHOOLWITH]->(jg),
             (imz:Person { name: "Izzy",
21
```

```
22
                           from: "Boca Raton",
23
                           worksAt: "Draken",
                           schoolAt: "Florida Poly" }),
24
25
                           (gl)-[:KNOWS]->(imz), (gl)-[:SCHOOLWITH]->(imz), (gl)-
    [:ROOMIESWITH]->(imz),
26
                           (aa)-[:KNOWS]->(imz), (aa)-[:SCHOOLWITH]->(imz),
                           (hs)-[:KNOWS]->(imz), (hs)-[:SCHOOLWITH]->(imz),
27
28
                           (jg)-[:KNOWS]->(imz), (jg)-[:WORKSWITH]->(imz), (jg)-
    [:SCHOOLWITH]->(imz),
             (ts:Person { name: "Tucker",
29
                          from: "Jupiter",
30
                          worksAt: "M&M Systems",
31
                          schoolAt: "Florida Poly" }),
32
                          (gl)-[:KNOWS]->(ts), (gl)-[:SCHOOLWITH]->(ts),
33
34
                          (hs)-[:KNOWS]->(ts),
                          (imz)-[:KNOWS]->(ts),
35
36
             (lm:Person { name: "Lukas",
                          from: "Jupiter",
37
                          worksAt: "M&M Systems",
38
39
                          schoolAt: "Florida Poly" }),
40
                          (gl)-[:KNOWS]->(ts), (gl)-[:SCHOOLWITH]->(ts),
41
                          (hs)-[:KNOWS]->(ts),
42
                          (ts)-[:KNOWS]->(lm), (ts)-[:WORKSWITH]->(lm), (ts)-
    [:SCHOOLWITH]->(lm),
43
             (ml:Person { name: "Macy",
                          from: "Boston",
44
                          worksAt: "NENC",
45
                          schoolAt: "Wellesley" }),
46
47
                          (gl)-[:KNOWS]->(ml), (gl)-[:RELATEDTO]->(ml),
48
                          (imz)-[:KNOWS]->(ml),
             (m:Person { name: "Mom",
49
                          from: "Commack",
50
                          worksAt: "Mass DPH",
51
52
                          schoolAt: "Oberlin" }),
53
                          (gl)-[:KNOWS]->(m), (gl)-[:RELATEDTO]->(m),
54
                          (ml)-[:KNOWS]->(m), (ml)-[:RELATEDTO]->(m),
55
             (eh:Person { name: "Esther",
56
                          from: "Long Island"}),
57
                          (gl)-[:KNOWS]->(eh),
58
                          (ml)-[:KNOWS]->(eh),
                          (m)-[:KNOWS]->(eh),
59
60
             (iz:Person { name: "Isabel",
                          from: "Peoria",
61
62
                          worksAt: "RStudio",
                          schoolAt: "Florida Poly" }),
63
                          (gl)-[:KNOWS]->(imz), (gl)-[:SCHOOLWITH]->(iz),
64
```

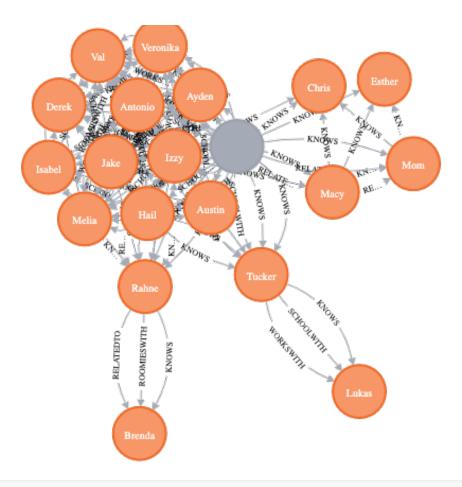
```
65
                          (aa)-[:KNOWS]->(imz), (aa)-[:SCHOOLWITH]->(iz),
66
                          (hs)-[:KNOWS]->(imz), (hs)-[:SCHOOLWITH]->(iz),
67
                          (jg)-[:KNOWS]->(imz), (jg)-[:SCHOOLWITH]->(imz),
68
                          (imz)-[:KNOWS]->(iz), (imz)-[:SCHOOLWITH]->(iz),
69
             (ch:Person { name: "Chris",
                          from: "Boston",
70
71
                          worksAt: "MSA",
72
                          schoolAt: "Bates" }),
73
                          (gl)-[:KNOWS]->(ch),
74
                          (ml)-[:KNOWS]->(ch),
75
                          (m)-[:KNOWS]->(ch),
76
                          (imz)-[:KNOWS]->(ch),
             (ah:Person { name: "Antonio",
77
                          from: "Tampa",
78
                          worksAt: "SGA",
79
                          schoolAt: "Florida Poly" }),
80
81
                          (gl)-[:KNOWS]->(ah), (gl)-[:SCHOOLWITH]->(ah), (gl)-
     [:WORKSWITH]->(ah),
                          (aa)-[:SCHOOLWITH]->(ah),
82
83
                          (hs)-[:KNOWS]->(ah), (hs)-[:SCHOOLWITH]->(ah), (hs)-
     [:WORKSWITH]->(ah),
84
                          (jg)-[:KNOWS]->(ah), (jg)-[:SCHOOLWITH]->(ah), (jg)-
     [:WORKSWITH]->(ah),
85
                          (imz)-[:SCHOOLWITH]->(ah),
86
                          (iz)-[:SCHOOLWITH]->(ah),
             (mr:Person { name: "Melia",
87
                          from: "Boca Raton",
88
                          worksAt: "SGA",
89
                          schoolAt: "Florida Poly" }),
90
91
                          (gl)-[:KNOWS]->(mr), (gl)-[:SCHOOLWITH]->(mr), (gl)-
     [:WORKSWITH]->(mr),
92
                          (aa)-[:SCHOOLWITH]->(mr),
93
                          (hs)-[:KNOWS]->(mr), (hs)-[:SCHOOLWITH]->(mr), (hs)-
     [:WORKSWITH]->(mr),
94
                          [:WORKSWITH]->(mr),
95
                          (imz)-[:KNOWS]->(mr), (imz)-[:SCHOOLWITH]->(mr),
96
                          (iz)-[:SCHOOLWITH]->(mr),
97
                          (ah)-[:KNOWS]->(mr), (ah)-[:SCHOOLWITH]->(mr), (ah)-
     [:WORKSWITH] \rightarrow (mr),
             (vp:Person { name: "Veronika",
98
99
                          worksAt: "SDC",
100
                          schoolAt: "Florida Poly" }),
101
                          (gl)-[:KNOWS]->(vp), (gl)-[:SCHOOLWITH]->(vp), (gl)-
     [:WORKSWITH]->(vp),
102
                          (aa)-[:SCHOOLWITH]->(vp),
```

```
103
                            (ns)-[:KNOWS]->(vp), (ns)-[:SCHOOLWITH]->(vp),
104
                            (jg)-[:SCHOOLWITH]->(vp),
105
                           (imz)-[:KNOWS]->(vp), (imz)-[:SCHOOLWITH]->(vp),
106
                            (iz)-[:KNOWS]->(vp), (iz)-[:SCHOOLWITH]->(vp),
107
                            (ah)-[:SCHOOLWITH]->(vp),
108
                           (mr)-[:KNOWS]->(vp), (mr)-[:SCHOOLWITH]->(vp),
109
              (al:Person { name: "Ayden",
110
                           from: "Tallahassee",
111
                           worksAt: "SDC",
112
                           schoolAt: "Florida Poly" }),
113
                            (gl)-[:KNOWS]->(al), (gl)-[:SCHOOLWITH]->(al), (gl)-
     [:WORKSWITH]->(al),
114
                           (aa)-[:SCHOOLWITH]->(al),
115
                            (hs)-[:SCHOOLWITH]->(al),
116
                            (jg)-[:SCHOOLWITH]->(al),
117
                           (imz)-[:KNOWS]->(al), (imz)-[:SCHOOLWITH]->(al),
118
                            (iz)-[:SCHOOLWITH]->(al),
119
                            (ah)-[:SCHOOLWITH]->(al),
120
                            (mr)-[:SCHOOLWITH]->(al),
121
                           (vp)-[:KNOWS]->(al), (vp)-[:SCHOOLWITH]->(al), (vp)-
     [:WORKSWITH]->(al),
122
              (vc:Person { name: "Val",
                           worksAt: "SDC",
123
                           schoolAt: "Florida Poly" }),
124
125
                            (gl)-[:KNOWS]->(vc), (gl)-[:SCHOOLWITH]->(vc), (gl)-
     [:WORKSWITH]->(vc),
126
                           (aa)-[:SCHOOLWITH]->(vc),
127
                            (hs)-[:KNOWS]->(vc), (hs)-[:SCHOOLWITH]->(vc),
128
                            (jg)-[:KNOWS]->(vc), (jg)-[:SCHOOLWITH]->(vc),
129
                            (imz)-[:KNOWS]->(vc), (imz)-[:SCHOOLWITH]->(vc),
130
                           (iz)-[:KNOWS]->(vc), (iz)-[:SCHOOLWITH]->(vc), (iz)-
     [:ROOMIESWITH]->(vc),
                            (ah)-[:KNOWS]->(vc), (ah)-[:SCHOOLWITH]->(al),
131
132
                           (mr)-[:KNOWS]->(vc), (mr)-[:SCHOOLWITH]->(al),
133
                           (vp)-[:KNOWS]->(vc), (vp)-[:SCHOOLWITH]->(vc), (vp)-[:CHOOLWITH]->(vc)
     [:WORKSWITH]->(vc),
134
                           (al)-[:KNOWS]->(vc), (al)-[:SCHOOLWITH]->(vc), (al)-
     [:WORKSWITH]->(vc),
              (dl:Person { name: "Derek",
135
                           from: "Lakeland",
136
                           worksAt: "SDC",
137
                           schoolAt: "UCF" }),
138
139
                           (gl)-[:KNOWS]->(dl), (gl)-[:WORKSFOR]->(dl),
140
                            (hs)-[:KNOWS]->(dl),
141
                           (jg)-[:KNOWS]->(dl),
142
                           (imz)-[:KNOWS]->(dl),
```

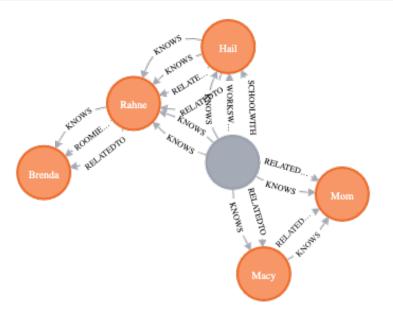
```
143
                            (1Z)-[:KNUWS]->(QI),
144
                            (ah)-[:KNOWS]->(dl),
145
                            (mr)-[:KNOWS]->(dl),
                            (vp)-[:KNOWS]->(dl), (vp)-[:WORKSFOR]->(dl),
146
147
                            (al)-[:KNOWS]->(dl), (al)-[:WORKSFOR]->(dl),
148
              (rs:Person { name: "Rahne",
                            from: "Spring Hill",
149
                            worksAt: "TGH" }),
150
151
                            (gl)-[:KNOWS]->(rs),
152
                            (hs)-[:KNOWS]->(rs), (hs)-[:RELATEDTO]->(rs),
153
                            (jg)-[:KNOWS]->(rs),
154
                            (imz)-[:KNOWS]->(rs),
155
                            (iz)-[:KNOWS]->(rs),
                            (mr)-[:KNOWS]->(rs),
156
157
              (bs:Person { name: "Brenda",
                            from: "Boston",
158
                            worksAt: "FCC" }),
159
160
                            (gl)-[:KNOWS]->(rs),
161
                            (hs)-[:KNOWS]->(rs), (hs)-[:RELATEDTO]->(rs),
162
                            (rs)-[:KNOWS]->(bs), (rs)-[:RELATEDTO]->(bs), (rs)-[:RELATEDTO]->(bs)
     [:ROOMIESWITH]->(bs)
```

# **Returning Queries**

```
1 MATCH p=()-[r:KNOWS]->() RETURN p
```

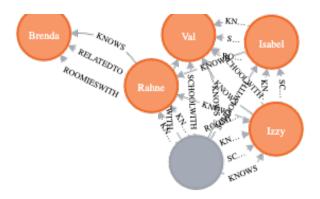


1 MATCH p=()-[r:RELATEDTO]->() RETURN p



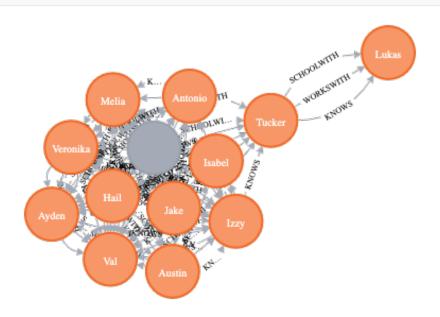
I couldn't figure out how to get this one to only show people that are related to each other and not put everyone that is related to someone else together.

```
1 MATCH p=()-[r:ROOMIESWITH]->() RETURN p
```

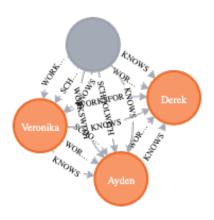


Same problem as above on this one.

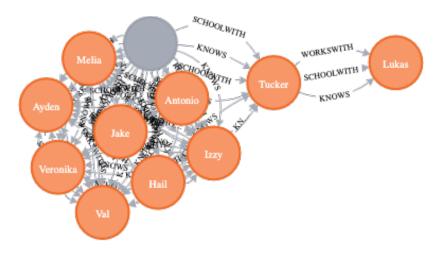
MATCH p=()-[r:SCHOOLWITH]->() RETURN p



1 MATCH p=()-[r:WORKSFOR]->() RETURN p



1 MATCH p=()-[r:WORKSWITH]->() RETURN p



Same problem here too.