

# Social Media Analytics

## Lab work no. 4: Learning Cytoscape through a toy example

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### Visualizations

#### Default

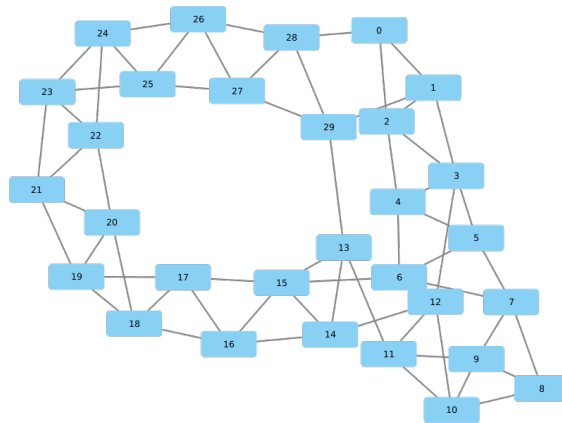


Figure 1: Default graph

#### Visualizing attributes

For the attribute visualisation a discrete and continous attributes were chosen. For continous - age was chosen and the width of the nodes was selected. For discrete - the city was chosen and the color was set. Nodes were also named with names not node ids.

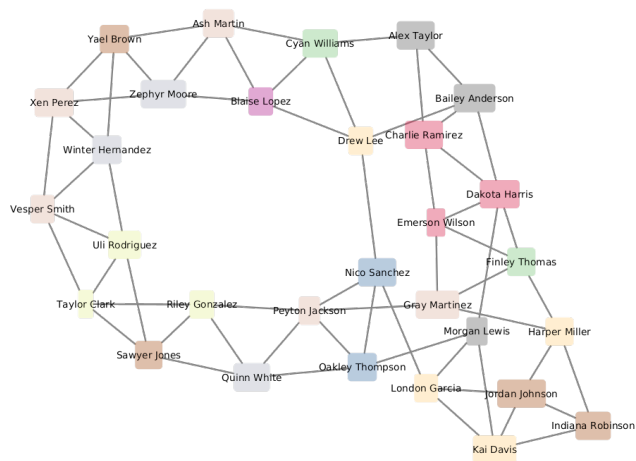


Figure 2: Visualization graph

## Appendix

### Data

#### Edge table

source	target
0	1
0	2
0	28
1	2
1	3
1	29
2	3
2	4
3	4
3	5
3	12
4	5
4	6
5	6
5	7
6	7
6	15
7	8
7	9
8	9
8	10
9	10
9	11
10	11
10	12

source	target
11	12
11	13
12	14
13	14
13	15
13	29
14	15
14	16
15	16
15	17
16	17
16	18
17	18
17	19
18	19
18	20
19	20
19	21
20	21
20	22
21	22
21	23
22	23
22	24
23	24
23	25
24	25
24	26
25	26
25	27
26	27
26	28
27	28
27	29
28	29

Node table

node	age	gender	city	name
0	45	Male	Toronto	Alex Taylor
1	49	Male	Toronto	Bailey Anderson
2	45	Male	Sydney	Charlie Ramirez
3	47	Female	Sydney	Dakota Harris
4	23	Other	Sydney	Emerson Wilson
5	34	Other	Berlin	Finley Thomas
6	51	Other	London	Gray Martinez
7	34	Female	Moscow	Harper Miller
8	42	Female	Tokyo	Indiana Robinson
9	57	Female	Tokyo	Jordan Johnson
10	51	Female	Moscow	Kai Davis
11	29	Male	Moscow	London Garcia
12	26	Other	Toronto	Morgan Lewis
13	45	Female	New York	Nico Sanchez

node	age	gender	city	name
14	35	Female	New York	Oakley Thompson
15	26	Other	London	Peyton Jackson
16	43	Male	Dubai	Quinn White
17	30	Male	Mumbai	Riley Gonzalez
18	33	Female	Tokyo	Sawyer Jones
19	19	Other	Mumbai	Taylor Clark
20	39	Female	Mumbai	Uli Rodriguez
21	29	Male	London	Vesper Smith
22	35	Female	Dubai	Winter Hernandez
23	46	Male	London	Xen Perez
24	35	Male	Tokyo	Yael Brown
25	53	Other	Dubai	Zephyr Moore
26	37	Female	London	Ash Martin
27	30	Male	Paris	Blaise Lopez
28	42	Female	Berlin	Cyan Williams
29	30	Female	Moscow	Drew Lee