WEI-HSIEN WANG

Capstone: Retrieving, Processing, and Visualizing Data with Python

Email Data Overview

```
In [24]: runcell(0, 'C:/Users/ygwei/.spyder-py3/gbasic.py')
How many to dump? 20
Loaded messages= 100 subjects= 54 senders= 47

Top 20 Email list participants
csev@umich.edu 6

Top 20 Email list organizations
umich.edu 16
virginia.edu 6
```

Top Email Participants and Organizations

```
How many to dump? 500
Loaded messages= 100 subjects= 54 senders= 47

Top 500 Email list participants
csev@umich.edu 6

Top 500 Email list organizations
umich.edu 16
virginia.edu 6
```

Detailed Network Analysis

```
(14, 1.0, 1.4447220775171021, 4192, 'http://python-data.dr-chuck.net/
known_by_Rokas.html')
(14, 1.0628923668065444, 1.1819265189465546, 3921, 'http://python-
data.dr-chuck.net/known_by_Romany.html')
(14, 1.496195149180367, 1.580884768316994, 3281, 'http://python-data.dr-
chuck.net/known_by_Nasser.html')
(14, 0.9195183787680874, 1.1771291487849536, 3269, 'http://python-
data.dr-chuck.net/known_by_Leo.html')
(14, 1.0, 1.5270476995614517, 2742, 'http://python-data.dr-chuck.net/
known_by_Ambreen.html')
(14, 1.0, 1.5047005422870054, 2371, 'http://python-data.dr-chuck.net/
known_by_Zayne.html')
(14, 1.451530642637895, 1.4274972527925922, 2243, 'http://python-
data.dr-chuck.net/known_by_Uzma.html')
568 rows.
```

Link Analysis

```
5605 http://python-data.dr-chuck.net/known_by_Keren.html (12012) 100
5371 http://python-data.dr-chuck.net/known_by_Chevy.html (12083) 100
1673 http://python-data.dr-chuck.net/known_by_Alum.html (12024) 100
1956 http://python-data.dr-chuck.net/known_by_Maimie.html (12081) 100
3355 http://python-data.dr-chuck.net/known_by_Norrie.html (12053) 100
3177 http://python-data.dr-chuck.net/known_by_Eddie.html (12063) 100
3307 http://python-data.dr-chuck.net/known_by_Kiarash.html (12069) 100
1439 http://python-data.dr-chuck.net/known_by_Chelsy.html (12017) 100
3565 http://python-data.dr-chuck.net/known_by_Easton.html (11999) 100
4756 http://python-data.dr-chuck.net/known_by_Noor.html (12066) 100
2687 http://python-data.dr-chuck.net/known_by_Jole.html (12060) 100
3683 http://python-data.dr-chuck.net/known_by_Uzair.html (12028) 100
1455 http://python-data.dr-chuck.net/known_by_Greg.html (11983) 100
1816 http://python-data.dr-chuck.net/known_by_Cavan.html (11999) 100
3845 http://python-data.dr-chuck.net/known_by_Kory.html (12033) 100
1627 http://python-data.dr-chuck.net/known_by_Braegan.html (12064) 100
```

Tabular Data and Metrics

	id	guid	sent_at	sender_id	subject_id	headers	body
	Filter	Filter	Filter	Filter	Filter	Filter	Filter
82	82	<c8755e7d-9d50-47d8-98a7-...	2005-12-14 15:29:42	2	45	*BLOB*	*BLOB*
83	83	<19656153.1134586062971.ja...	2005-12-14 18:44:57	9	9	*BLOB*	*BLOB*
84	84	<24ab8b10-0834-417f-8e3e-2...	2005-12-14 15:48:19	43	45	*BLOB*	*BLOB*
85	85	<49437.1134575759659.java...	2005-12-14 15:53:16	8	45	*BLOB*	*BLOB*
86	86	<12196460.1134558234618.ja...	2005-12-14 11:00:30	44	45	*BLOB*	*BLOB*
87	87	<14617827.1134558512316.ja...	2005-12-14 11:06:02	15	47	*BLOB*	*BLOB*
88	88	<30339789.1134577656381.ja...	2005-12-14 16:24:00	2	45	*BLOB*	*BLOB*
89	89	<8b8ed0b1-4b54-4d6a-b210-...	2005-12-14 16:28:55	1	45	*BLOB*	*BLOB*
90	90	<2be25ebd-1e3c-408c-8a4a-7...	2005-12-14 11:30:28	45	27	*BLOB*	*BLOB*
91	91	<20827981.1134593008276.ja...	2005-12-14 20:40:54	46	50	*BLOB*	*BLOB*
92	92	<200512142101.naa351636@...	2005-12-14 21:00:41	47	51	*BLOB*	*BLOB*
93	93	<10892647.1134584229237.ja...	2005-12-14 18:14:39	23	47	*BLOB*	*BLOB*
94	94	<4610464.1134585912637.jav...	2005-12-14 18:42:39	14	52	*BLOB*	*BLOB*
95	95	<19687278.1134589809730.ja...	2005-12-14 19:47:16	30	53	*BLOB*	*BLOB*
96	96	<30286455.1134595295716.ja...	2005-12-14 21:18:45	30	53	*BLOB*	*BLOB*
97	97	<4833106.1134597946634.jav...	2005-12-14 22:01:59	30	53	*BLOB*	*BLOB*
98	98	<6d21112c-3c49-4a40-92db-4...	2005-12-14 21:02:13	43	53	*BLOB*	*BLOB*
99	99	<fbb2afba-4fce-49b5-b8e8-...	2005-12-14 21:22:23	2	54	*BLOB*	*BLOB*
100	100	<ee46490c-...	2005-12-14 21:32:19	43	53	*BLOB*	*BLOB*

Word Cloud

Starting url: https://lti-tools.dr-chuck.com/tsugi/mod/python-data/data/known_by_Miranne.html

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Thank You!!!