

CrossOSN-U: SN

This sub-dataset consists of two sql tables for Twitter users and two sql tables for Flickr users. The overlapped users are identified from the 'googlePlusUserId' attribute in the sql table.

➤ *Twitter tables:*

Table 1 – twitter user profile table (*twitteruserprofile.sql*)

This table contains the basic twitter user profiles for all the 7,118 overlapped users in this sub-dataset. A snapshot of this table is presented as below:

| googlePlusUserId | twitterUserId | firstDate | location | description | favoriteCount | statusCount |
|-----------------------|---------------|------------------------------|------------------------------|---------------------------------|---------------|-------------|
| 100001562698720292969 | 242898957 | Tue Jan 25 21:15:14 +0000 20 | Boulder, Colorado, USA | I'm a human-powered urbanist | 0 | 381 |
| 100004373555148749144 | 14685781 | Wed May 07 12:23:26 +0000 20 | London, UK | Boardgame Lover, Python Pro | 9 | 447 |
| 100007787736839028580 | 14202357 | Sun Mar 23 15:25:45 +0000 20 | upstate Ohio | Counterpoints the surrealism o | 711 | 29603 |
| 100008176682616801686 | 794685 | Mon Feb 26 06:27:22 +0000 20 | San Bruno, CA | Solitary solpistic curmudgeon | 567 | 2684 |
| 100008419344473446043 | 27626089 | Mon Mar 30 12:22:47 +0000 20 | | Java architect, consultant, Sol | 27 | 517 |
| 100008764570248830455 | 16263710 | Fri Sep 12 21:16:15 +0000 20 | Cary and Raleigh, NC | software developer, father, br | 419 | 1182 |
| 100009438573936225123 | 38381766 | Thu May 07 06:03:39 +0000 20 | Milwaukee, WI | MBA student @UWMadison. In | 848 | 2938 |
| 100015049562099502007 | 42151893 | Sun May 24 03:02:17 +0000 20 | iPhone: -33.850243,151.2093 | One Guy With A Phone | 1 | 513 |
| 100015878886887680906 | 64437657 | Mon Aug 10 16:04:10 +0000 20 | Brno | http://t.co/FyTYXUgJK9 | 1 | 409 |
| 100016383867666174158 | 15659711 | Wed Jul 30 13:04:18 +0000 20 | 33720, Finland / PE28, UK | Software developer, webmistr | 163 | 5617 |
| 100023454826187342845 | 14648864 | Sun May 04 15:27:41 +0000 20 | Tempe, AZ | Venture Manager, Web 3.0 Me | 3 | 5335 |
| 100026359533941345652 | 8313802 | Mon Aug 20 20:11:15 +0000 20 | Amsterdam | Public speaker, innovation mar | 664 | 31003 |
| 100029343298226472834 | 476027670 | Fri Jan 27 17:57:27 +0000 20 | Manchester, Connecticut, USA | #FashionFandom, #Anime, #F | 7 | 5214 |
| 100034081581427776311 | 52783477 | Wed Jul 01 17:05:29 +0000 20 | Copenhagen, Berlin | Danish electronica singer-song | 98 | 927 |
| 100034580744319512618 | 1071701 | Tue Mar 13 06:02:05 +0000 20 | | Developer of Smart Grid deplo | 191 | 7650 |
| 100036084343578932895 | 46560264 | Fri Jun 12 02:40:05 +0000 20 | Warsaw, ,pl | web dev. py, db, js. | 58 | 30 |
| 100036494993214603355 | 14331818 | Tue Apr 08 12:43:41 +0000 20 | Silver Spring, MD | Husband, Dad, Web Develop | 1925 | 13310 |
| 100037288819819825536 | 66793655 | Tue Aug 18 20:38:02 +0000 20 | Somewhere in NYC | Mediamaker. 2nd AE @bluesky | 6 | 833 |
| 100040895164813975037 | 7532972 | Tue Jul 17 14:37:40 +0000 20 | Miamisburg, OH | Poly & opinionated, musician, z | 128 | 1400 |
| 100044548417015476161 | 69786950 | Sat Aug 29 04:19:11 +0000 20 | | | 0 | 26 |
| 100044699215099522202 | 237962987 | Fri Jan 14 01:43:09 +0000 20 | Easton, PA | Owner of DA Visions, LLC. | 1 | 335 |
| 100046418043149960706 | 14940308 | Thu May 29 02:55:46 +0000 20 | | | 14 | 938 |
| 100050892234233658504 | 19968956 | Tue Feb 03 13:03:24 +0000 20 | iPhone: -37.711529,143.9257 | Workin on exciting Maker, Had | 1106 | 3543 |
| 100051837928894807640 | 8659852 | Tue Sep 04 23:16:45 +0000 20 | St. Pete Beach, FL | A geek blogger and rogue gam | 129 | 22615 |
| 10005967234059800912 | 122580714 | Sat Mar 13 05:35:26 +0000 20 | Santa Clara, CA | Software developer that just F | 37 | 2020 |
| 100062981297407033856 | 9272252 | Fri Oct 05 22:49:07 +0000 20 | Melbourne, Au | technology cinema art | 1 | 98 |

Figure 1: A snapshot of Twitter user profile table

which includes some demographic characteristics, such as the user's location and self-description, as well as some basic statistics, such as the total count of tweets this user has favored ('favoriteCount') and posted ('statusCount').

Table 2 – twitter social relation table (*twittersociallinks.sql*)

This table gives the two-way social relations for each Twitter user, i.e. the friends of this user and their followers. A snapshot of this table is presented as below:

| twitterUserId | friendIdList | friendsCount | followerIdList | followersCount |
|---------------|----------------------------|--------------|--------------------------------|----------------|
| 1000471 | 693693,14309166,130547253 | | 832 269502730,693693,15249945 | 753 |
| 10007212 | 749768262,1179690997,2548 | | 998 1377511880,95050394,24494 | 6583 |
| 100189469 | 422353054,87403396,255489 | | 525 422353054,88664010,362506 | 250 |
| 1001981 | 457406245,176515774,22421 | | 248 1679048892,960356022,1585 | 392 |
| 100262527 | 390020527,343322805,44948 | | 340 376837444,146741748,14451 | 386 |
| 10027742 | 9620512,1626031195,200238 | | 350 1626031195,860518429,1764 | 491 |
| 100355449 | 991907030,346204511,77223 | | 47 150052546,1155152418,1155 | 43 |
| 10037602 | 954001,44196397,52055276, | | 354 463757815,75051088,116994 | 215 |
| 1004331 | 1611697987,197962366,3133 | | 1033 210294450,284749984,93723 | 747 |
| 100437720 | 62581962,15144353,4806777 | | 28 1676683812,15676438,27592 | 24 |
| 10049642 | 49237316,331021577,139674 | | 69 20275809,1554212880,16999 | 188 |
| 10051 | 14775380,14204876,4360142 | | 316 1615831898,1474945872,157 | 5041 |
| 10054212 | 1729041115,612244281,1173 | | 985 1665427662,139974630,1729 | 531 |
| 10056162 | 35623,19045458,636569689,. | | 190 7413002,15154980,18539631 | 248 |
| 1006091 | 586671909,418126497,51392 | | 336 1622302104,45755030,20151 | 115 |
| 100644575 | 15473958,253719474,269896 | | 46 907947416,244550544,33298 | 7 |

Figure 2: A snapshot of Twitter social relation table

where 'friendIdList' and 'followerIdList' contain all the Twitter user ids of this user's friends and followers, respectively. Note that the Twitter user ids are separated by the ',' separator.

➤ **Flickr tables:**

Table 3 – Flickr user profile table (*flickruserprofile.sql*)

This table contains the basic Flickr user profiles for all the 7,118 overlapped users in this sub-dataset. A snapshot of this table is presented as below:

| googlePlusUserId | flickrUserId | location | firstDate | grouplist | groupnum | favoritelist | favoritenum | alltaglist | tagnum | photolist | photonum | |
|------------------------|-----------------|--------------------------------|------------------------------|--------------------------|----------|---------------------------|------------------|------------|---------------------------------|-----------|---------------------------|-------|
| 10000150269972029269 | 7689516@N0 | Boulder, CO, USA | Sat Jan 24 16:27:16 CST 2009 | 2869448@N0,4888909@N1 | 29 | 4118001851 | 5,5406683535,565 | 53 | 1922,2001,2011,2012,244,29 | 1602 | 9374148554,3934123462,392 | 3183 |
| 1000043737355148749144 | 89173173@N0 | Siena, Italy | Sat Aug 05 09:54:56 CST 2009 | 91423901@N0,7354451@N1 | 2 | 209849379 | | 1 | the,allow,cat,dload,color,csv | 24 | 9159454622,8832192082,730 | 136 |
| 100007787736839028580 | 89622530@N0 | Westlake, USA | Sun Aug 21 23:32:10 CST 2009 | 15166189@N0,16978849@N1 | 123 | 7583041555,7706435560,805 | | 90 | 1,100,100thbombgroup,10for | 4703 | 8095175334,809517352,809 | 6944 |
| 100008176882616801686 | 99438440@N0 | San Bruno, CA, USA | Tue Nov 23 19:35:49 CST 2009 | 11526962@N0,11768458@N1 | 791 | 5644921733,5932376917,593 | | 1910 | 00,000,030,1000beach,14fstr | 807 | 7779583150,5840672135,572 | 632 |
| 100008419344417346643 | 63394028@N0 | Madrid, Spain | Sun May 20 18:31:59 CST 2009 | 13378274@N0,16978849@N1 | 29 | 8028075875,797433261,720 | | 201 | activity,airport,almagro,animal | 50 | 8002585367,8002545373,800 | 66 |
| 1000096435270248830455 | 28103727@N0 | (null) | Fri Jan 23 22:53:54 CST 2009 | 808112@N24, | 1 | (Memo) | | 0 | 20h,7,ad,anna,aurograph,ba | 25 | 6341356275,5126243702,498 | 14 |
| 10000943057396225123 | 24104181@N0 | Milwaukee, WI, United States | Wed Mar 05 05:34:44 CST 2009 | 52241382593@N01,92794914 | 18 | 7234047714,536499808,572 | | 175 | 10,11th,21912,911,a,alters,i | 153 | 6913576166,691353068,691 | 3157 |
| 100015049562099592007 | 50391205@N0 | (null) | Sun May 23 20:09:29 CST 2009 | (Memo) | 0 | (Memo) | | 0 | carolinesday,phone,marys,m | 5 | 4759244909,4759882434,469 | 151 |
| 10001587886867880906 | 40996291@N0 | (null) | Tue Apr 21 01:22:51 CST 2008 | 28411996@N0, | 1 | 5074998933,2552050784, | | 2 | (Memo) | 0 | 4013282949,4014034920,401 | 200 |
| 10001638396766174158 | 79839633@N0 | Prinold | Fri Jun 30 21:04:15 CST 2008 | 68951216@N0,79566794@N1 | 15 | 753924832,692654854,407 | | 233 | 10041,2009,20120911,3110d, | 1585 | 8094731744,809219218,806 | 3314 |
| 100023458826187342845 | 89647654@N0 | Tempe, USA | Mon Dec 25 02:41:26 CST 2009 | 49503173361@N01,18354696 | 4 | 685301631,51520295,3428 | | 5 | 2003,2004,2006,378,3monitor | 309 | 6300460544,6046589675,604 | 2643 |
| 100026359532941345652 | 35553321@N0 | Amsterdam, The Netherlands | Sun Apr 09 22:26:36 CST 2008 | 29596272@N0,35466140192 | 73 | 9523832455,9523913495,949 | | 149 | 1351,17,1786,1835,1901,192 | 2644 | 9486632613,9487040632,947 | 1856 |
| 100029343298226472834 | 73306777@N0 | (null) | Mon Jan 09 01:47:15 CST 2010 | (Memo) | 0 | (Memo) | | 0 | agoraphobia,agoraphobic,andi | 42 | 6842098830,684230605,680 | 23 |
| 10003408158142776311 | 92854810@N0 | Copenhagen, Denmark | Sat Apr 01 06:00:00 CST 2006 | 95237104636@N01,52240504 | 8 | 7347612440,5905371332,409 | | 26 | 2011,abfjg,aftermath,album,i | 101 | 8332362117,8333421212,833 | 518 |
| 10003458074319512618 | 99472899@N0 | Vancouver, Canada | Sat Oct 29 07:17:19 CST 2008 | 11947580@N0,13421338@N1 | 182 | 8099998623,806705628,806 | | 1053 | 01022011,101010,1052,10a3 | 3056 | 8089440247,8071568112,806 | 1432 |
| 10003604345876932995 | 91259891@N0 | (null) | Sun Jan 18 15:59:27 CST 2009 | 43007758@N0,4412437327 | 37 | 745849716,703204193,736 | | 669 | 30m,403,404,46-franzer,4i | 297 | 3377898617,337789359,337 | 712 |
| 100036449493214603355 | 17762186@N0 | (null) | Mon Jan 16 10:04:20 CST 2009 | 90554670@N0,104970@N2 | 3 | 6337522446,8024057865,801 | | 154 | airplane,amsterdam,apple,art | 101 | 8091605333,809761877,808 | 1176 |
| 100037288819819825536 | 63507192@N0 | (null) | Wed Jan 17 14:16:08 CST 2009 | (Memo) | 0 | (Memo) | | 0 | anderson,barge,birdcall,borou | 59 | 2876376693,287637537,287 | 1439 |
| 10004068164813975037 | 28096832@N0 | Dayton, OH, United States | Tue Oct 14 04:19:16 CST 2008 | (Memo) | 0 | (Memo) | | 0 | (Memo) | 0 | 2938635071,2939486514,293 | 39 |
| 10004458417015476161 | 64839547@N0 | (null) | Sat Aug 02 21:28:56 CST 2009 | 16978849@N0,4197807@N1 | 39 | 6152489072,5191109266,543 | | 17 | abstract,autumn,beach,bee,bi | 50 | 6158646366,6158103075,615 | 107 |
| 1000446991509952202 | 37630709@N0 | (null) | Tue Apr 21 08:10:56 CST 2009 | 52239903917@N01,52240803 | 28 | 5605296990, | | 1 | barmitzavdivisors,barmitzve | 25 | 9211117848,920836327,921 | 456 |
| 100046182043149960706 | 23812839@N0 | (null) | Tue Feb 16 01:20:24 CST 2011 | 362537@N20,1602070@N24, | 3 | 5007894368, | | 1 | eyesopenup,foarsquare,eng | 9 | 8030063845,8030063905,803 | 61 |
| 1000508224232635594 | 30500191@N0 | (null) | Wed Jan 15 10:14:30 CST 2011 | 449888738@N0,1093316@N2 | 7 | 3736697765,703204193,736 | | 13 | cds,consonant,color,conson | 28 | 730723774,5704404269,669 | 140 |
| 100051637829894807640 | 51884193@N0 | St. Pete Beach, FL, United Sta | Fri Dec 19 02:19:40 CST 2008 | 36521969220@N01,51025802 | 3 | 6145646937,3294516993,208 | | 6 | bookstacks,dd,dvdwallon,emrg | 18 | 6822239014,648222197,648 | 200 |
| 10005967234059809912 | 65589865@N0 | Austin, TX, United States | Sat Jul 23 07:30:13 CST 2011 | 72222164@N0, | 1 | (Memo) | | 0 | adafnut,ardano,bbbf,ffd, | 4 | 7771330202,743759944,743 | 36 |
| 100062981297407033856 | 93051019@N0 | (null) | Sat Feb 09 11:54:34 CST 2015 | (Memo) | 0 | 9285225036,9283483990,713 | | 6 | ant,barrier,bellagio,bath,cain | 35 | 9291509810,9288670141,929 | 30 |
| 100064964272077780135 | 44124367601@N01 | San Francisco, CA, United Stat | Wed Jun 30 21:48:00 CST 2009 | 13378274@N0,20083316@N1 | 210 | 7984126475,8078410827,766 | | 1746 | 080808,0ctars,100200mmf405 | 760 | 8085367406,8085367008,808 | 11114 |
| 100065336261236236345 | 39038431@N0 | Lyon, France | Mon May 02 17:51:47 CST 2009 | 216189438@N0,32002189@N1 | 104 | 8257773911,510929844,2185 | | 376 | 1001reves,10ansinternet,10vi | 1457 | 9405587833,9446624484,944 | 2299 |

Figure 3: A snapshot of Flickr user profile table

where ‘grouplist’ indicates which groups this user has showed interest in on Flickr, ‘favoritelist’ shows all the photo ids this user has favored, ‘alltaglist’ indicates all the tags this user has ever used and ‘photolist’ shows all the photo ids this user has collected. Note that all the entities in the Flickr list are separated by the ‘,’ separator.

Table 4 – Flickr social relation table (*flickrsociallinks.sql*)

This table gives the one-way social relations for each Flickr user, i.e. the friends of this user (since the Flickr API can only access the friends of each user, but not their followers). A snapshot of this table is presented as below:

| flickrUserId | friendIdList | friendnum |
|--------------|--------------------------------|-----------|
| 10022936@N00 | 95361278@N00,48915633@N00,5192 | 34 |
| 10037267@N08 | 91327731@N08,75618239@N00,4065 | 31 |
| 10039615@N06 | 30247364@N00,39523412@N06,5683 | 52 |
| 10042085@N03 | 97348749@N00,8724584@N03,10175 | 27 |
| 10051350@N00 | 38861177@N06,82788306@N02,4096 | 6 |
| 10052558@N03 | 43704154@N02,51940906@N03,9720 | 32 |
| 10054853@N00 | 39490882@N08,29372843@N00,8279 | 46 |
| 10062273@N07 | 28894616@N02,33822743@N08,4395 | 81 |
| 10063767@N02 | 22643758@N04,40084026@N05,1547 | 123 |

Figure 4: A snapshot of Flickr social relation table

Note that all the friend ids of each user are separated by the ‘,’ separator in the ‘friendIdList’.