

Apple Main - Edge.csv - Excel

Ravi Dawar

File Home Insert Page Layout Formulas Data Review View Add-ins Inquire Power Pivot Analysis EPM Data Manager Team Tell me what you want to do Share

Paste Cut Copy Format Painter Clipboard Font Alignment Number Styles Cells Editing

Calibri 11 Wrap Text General Conditional Formatting Normal Bad Good Neutral Calculation Check Cell Insert Delete Format AutoSum Fill Sort & Find Filter Select Clear

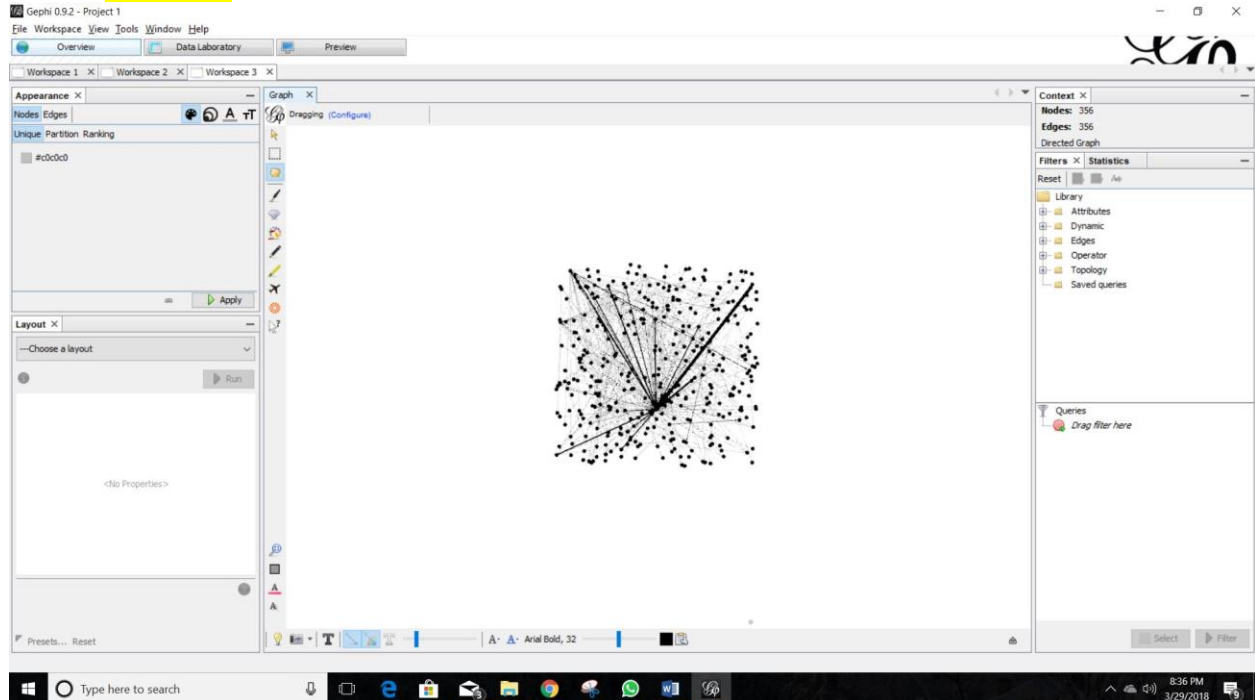
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
569	343	354	Technology	11	http://mac.apgstorm.net/roundups/utilities-roundup	http://apple.com/	External									
570	344	346	News	7	http://mashable.com/	http://mashable.com/2005/	External									
571	344	347	News	7	http://mashable.com/	http://mashable.com/2005/	External									
572	344	348	News	7	http://mashable.com/	http://mashable.com/2008/	External									
573	344	349	News	7	http://mashable.com/	http://mashable.com/2005/	External									
574	344	350	News	7	http://mashable.com/	http://mashable.com/2011/	External									
575	344	351	News	7	http://mashable.com/	http://mashable.com/2011/	External									
576	344	352	News	7	http://mashable.com/	http://mashable.com/2011/	External									
577	344	353	News	7	http://mashable.com/	http://mashable.com/2014/	External									
578	344	354	News	7	http://mashable.com/	http://apple.com/	External									
579	345	354	Ecom	3	http://marty.com/	http://apple.com/	External									
580	345	354	Ecom	3	http://marty.com/	http://apple.com/	External									
581	345	354	Ecom	3	http://marty.com/	http://apple.com/	External									
582	345	354	Ecom	3	http://marty.com/	http://apple.com/	External									
583	345	354	Ecom	3	http://marty.com/	http://apple.com/	External									
584	345	354	Ecom	3	http://marty.com/	http://apple.com/	External									
585	345	354	Ecom	3	http://marty.com/	http://apple.com/	External									
586	354	354	Apple	1	http://apple.com/	http://apple.com/	Internal									
587	355	354	Advertising	13	http://www.RaviDawar.advertising.com	http://apple.com/	External									
588	356	354	Automobile	14	http://www.RaviDawar.automobile.com	http://apple.com/	External									
590																
591																
592																
593																
594																
595																
596																
597																

Apple Main - Edge

Ready

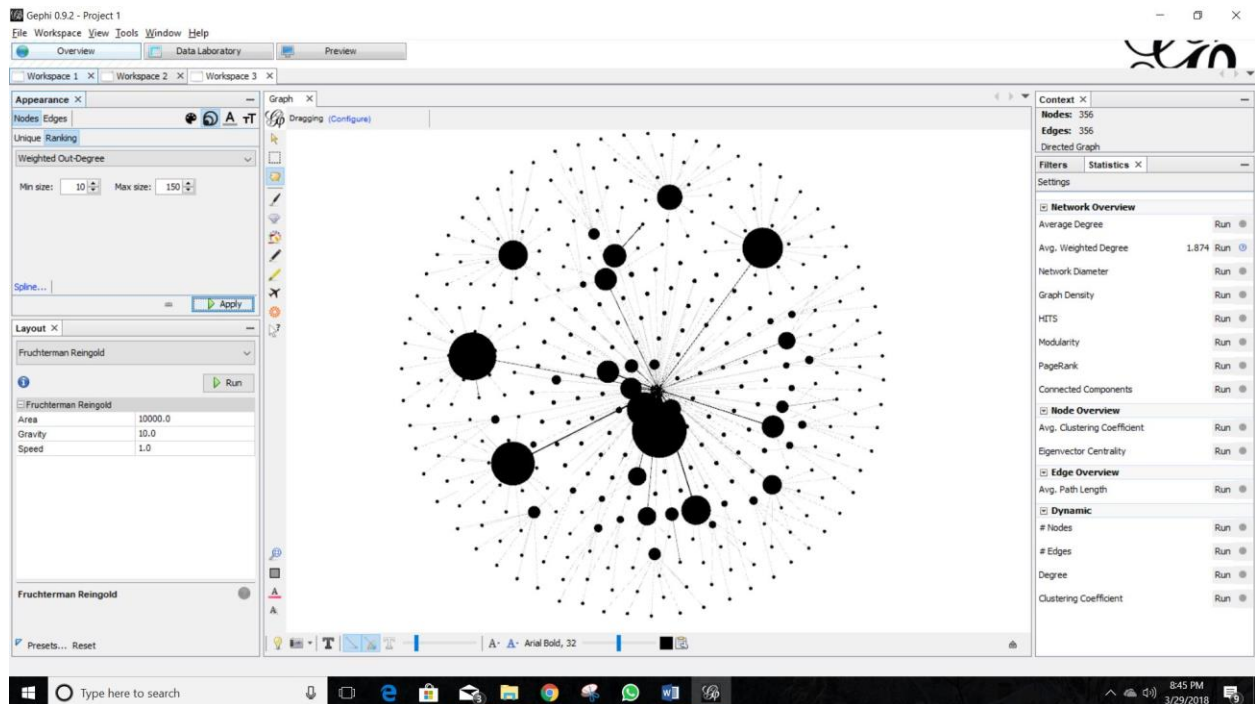
B) Paste the screen shot of visualization in the overview tab.

Answer:



C) Place the screen shot of your visualization section below.

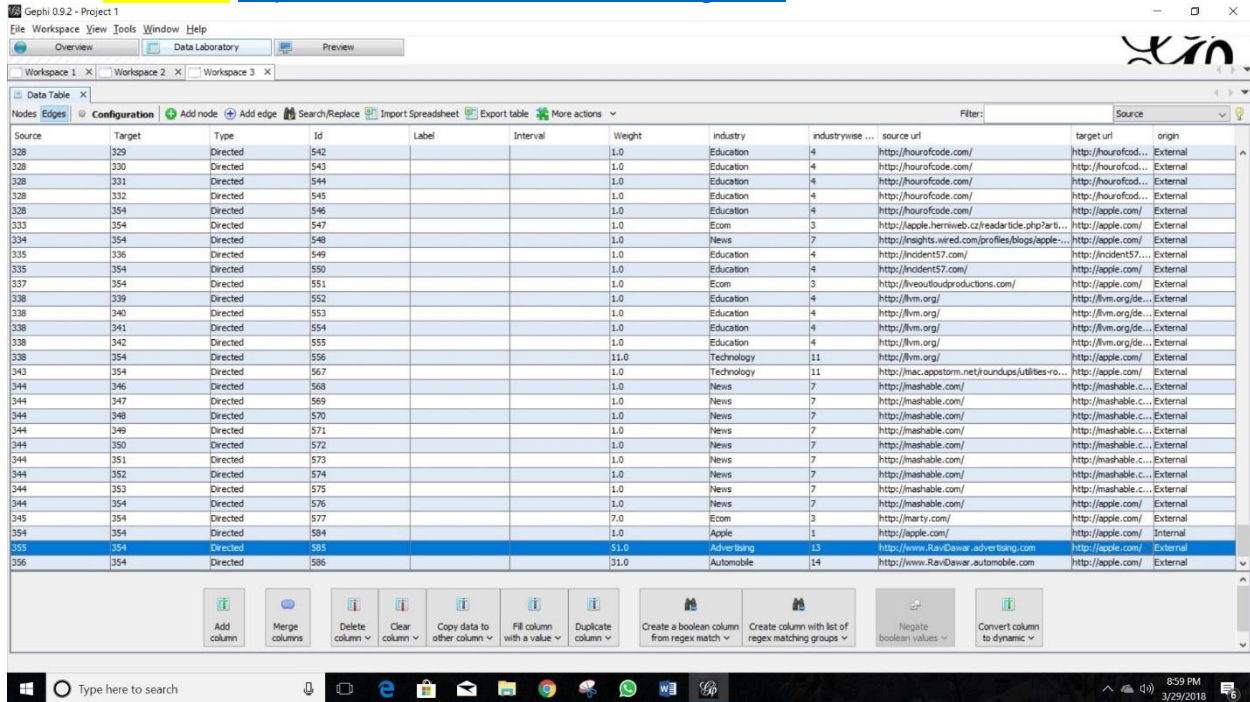
Answer:



D) Which website has got the maximum node size?

Hint: Find the node with the biggest circle, right click on it and then click on select in data laboratory. Go the data laboratory and mention the selected website name in the answer.

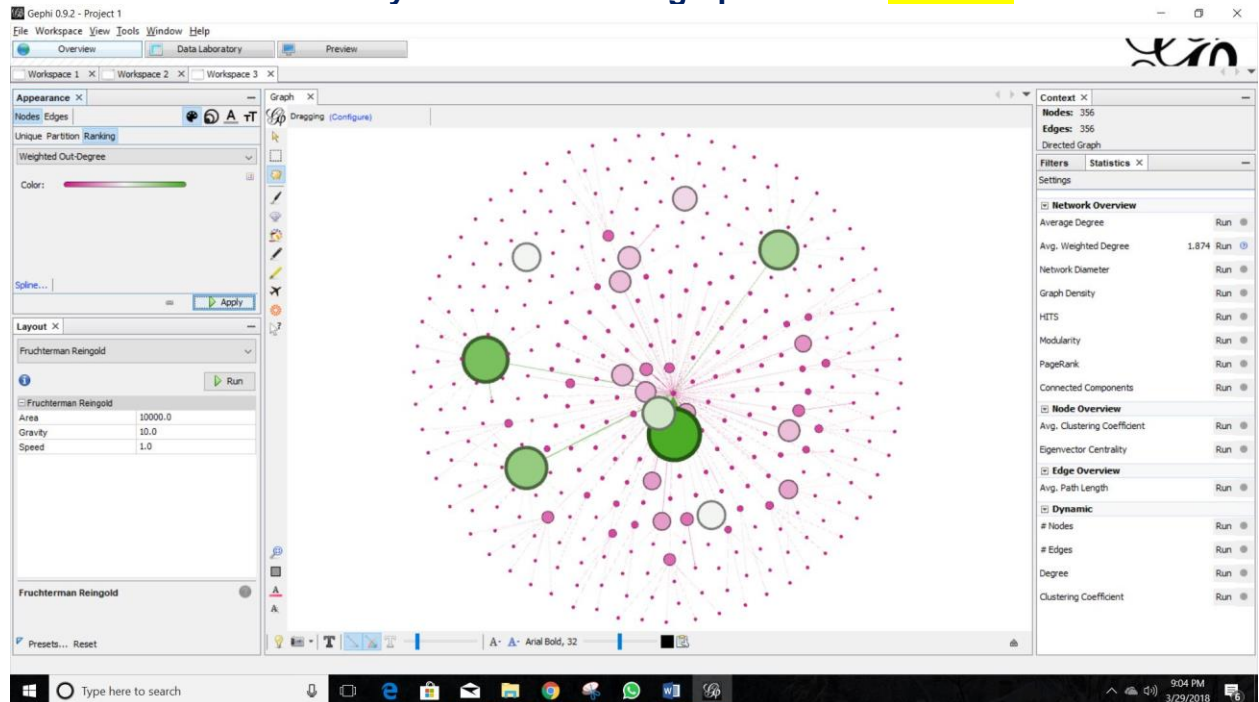
Answer: <http://www.RaviDawar.advertising.com>



The screenshot shows the Gephi 0.9.2 Data Laboratory window. The 'Data Table' is displayed with columns: Source, Target, Type, Id, Label, Interval, Weight, Industry, Industrywise, source url, target url, and origin. The table contains 356 rows of data. The row with the highest weight (31.0) is highlighted in blue, corresponding to the website 'http://www.RaviDawar.advertising.com'.

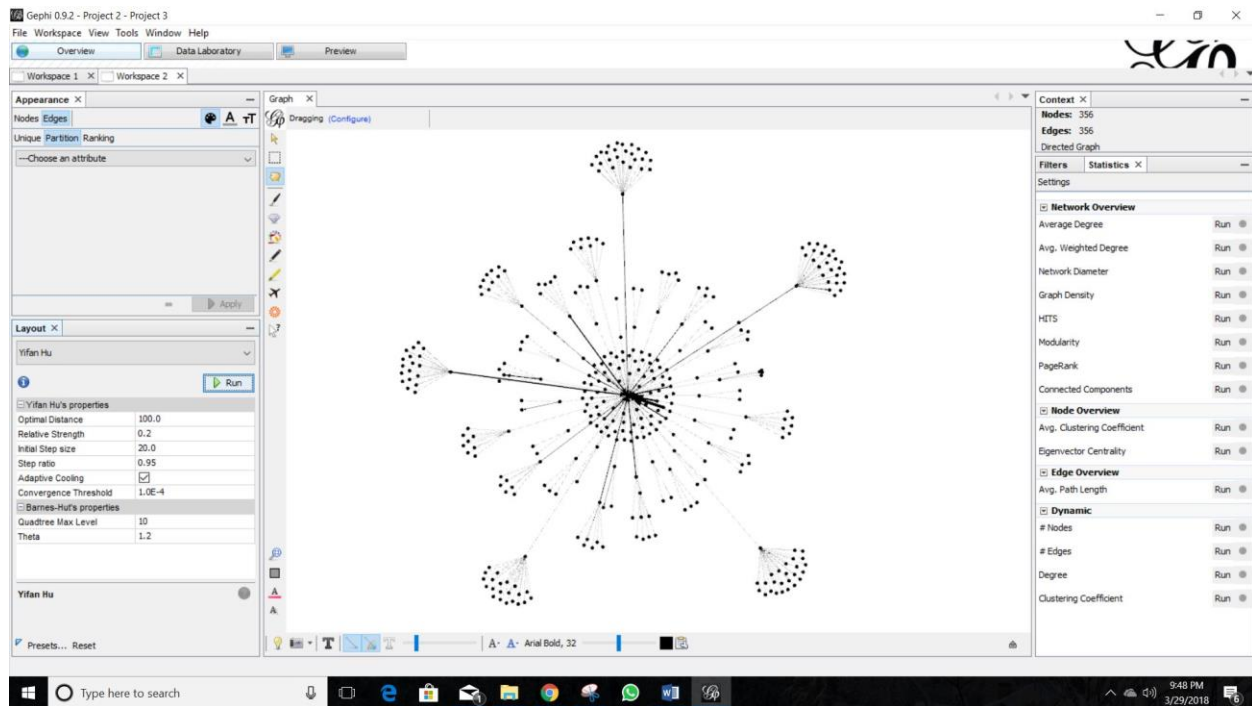
Source	Target	Type	Id	Label	Interval	Weight	Industry	Industrywise	source url	target url	origin
328	329	Directed	542			1.0	Education	4	http://hourofcode.com/	http://hourofcode.com/	External
328	330	Directed	543			1.0	Education	4	http://hourofcode.com/	http://hourofcode.com/	External
328	331	Directed	544			1.0	Education	4	http://hourofcode.com/	http://hourofcode.com/	External
328	332	Directed	545			1.0	Education	4	http://hourofcode.com/	http://hourofcode.com/	External
328	354	Directed	546			1.0	Education	4	http://hourofcode.com/	http://apple.com/	External
333	354	Directed	547			1.0	Ecom	3	http://apple.herrnweb.cz/readarticle.php?arti...	http://apple.com/	External
334	354	Directed	548			1.0	News	7	http://insights.wired.com/profiles/blogs/apple...	http://apple.com/	External
335	354	Directed	549			1.0	Education	4	http://incident57.com/	http://incident57.com/	External
335	354	Directed	550			1.0	Education	4	http://incident57.com/	http://apple.com/	External
337	354	Directed	551			1.0	Ecom	3	http://livecloudproductions.com/	http://apple.com/	External
338	339	Directed	552			1.0	Education	4	http://lvm.org/	http://lvm.org/	External
338	340	Directed	553			1.0	Education	4	http://lvm.org/	http://lvm.org/	External
338	341	Directed	554			1.0	Education	4	http://lvm.org/	http://lvm.org/	External
338	342	Directed	555			1.0	Education	4	http://lvm.org/	http://lvm.org/	External
338	354	Directed	556			11.0	Technology	11	http://lvm.org/	http://apple.com/	External
343	354	Directed	567			1.0	Technology	11	http://mac.apptorm.net/houndups/utilities-ro...	http://apple.com/	External
344	346	Directed	568			1.0	News	7	http://mashable.com/	http://mashable.com/	External
344	347	Directed	569			1.0	News	7	http://mashable.com/	http://mashable.com/	External
344	348	Directed	570			1.0	News	7	http://mashable.com/	http://mashable.com/	External
344	349	Directed	571			1.0	News	7	http://mashable.com/	http://mashable.com/	External
344	350	Directed	572			1.0	News	7	http://mashable.com/	http://mashable.com/	External
344	351	Directed	573			1.0	News	7	http://mashable.com/	http://mashable.com/	External
344	352	Directed	574			1.0	News	7	http://mashable.com/	http://mashable.com/	External
344	353	Directed	575			1.0	News	7	http://mashable.com/	http://mashable.com/	External
344	354	Directed	576			1.0	News	7	http://mashable.com/	http://apple.com/	External
345	354	Directed	577			7.0	Ecom	3	http://marty.com/	http://apple.com/	External
354	354	Directed	584			1.0	Apple	1	http://apple.com/	http://apple.com/	Internal
355	354	Directed	585			31.0	Advertising	13	http://www.RaviDawar.advertising.com	http://apple.com/	External
356	354	Directed	586			31.0	Automobile	14	http://www.RaviDawar.automobile.com	http://apple.com/	External

E) Paste the screen shot of your visualization/graph section. **Answer:**



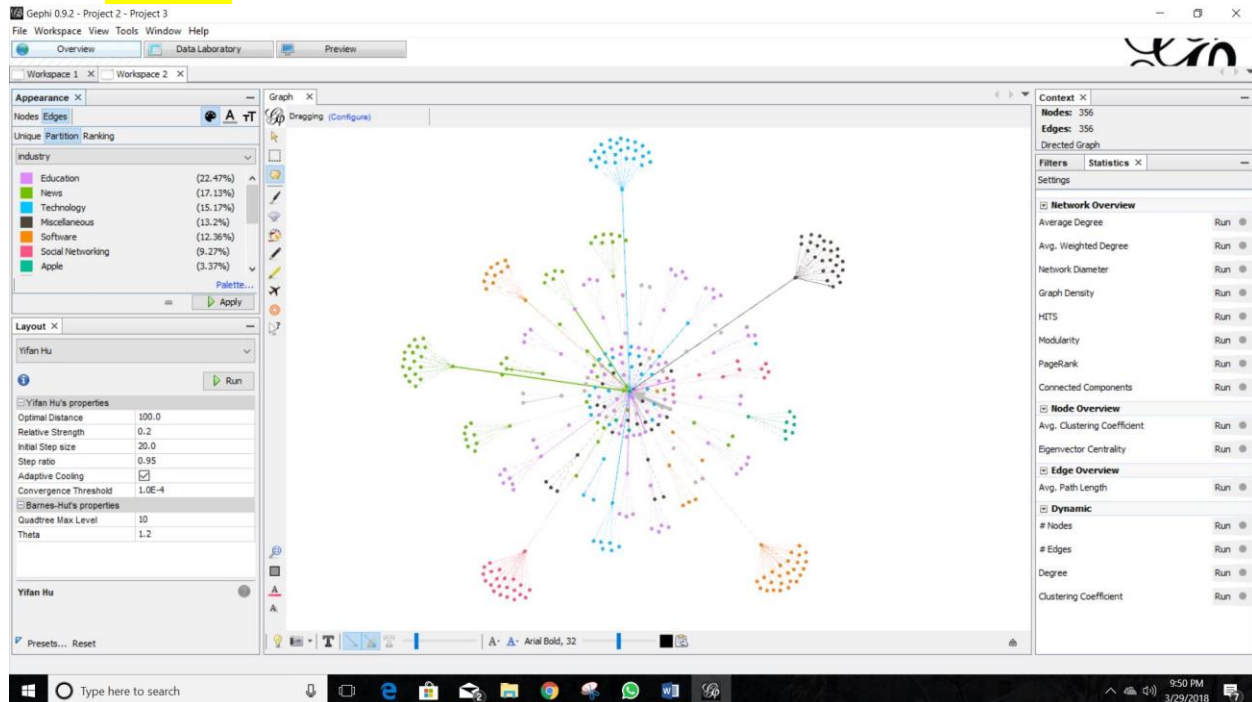
F) Paste the screen shot of your Graph/Visualization section.

Answer



G) Paste the screen shot of your Graph or Visualization Section.

Answer:



H) Which website has got the strongest connection with Apple website? Also name its corresponding industry.

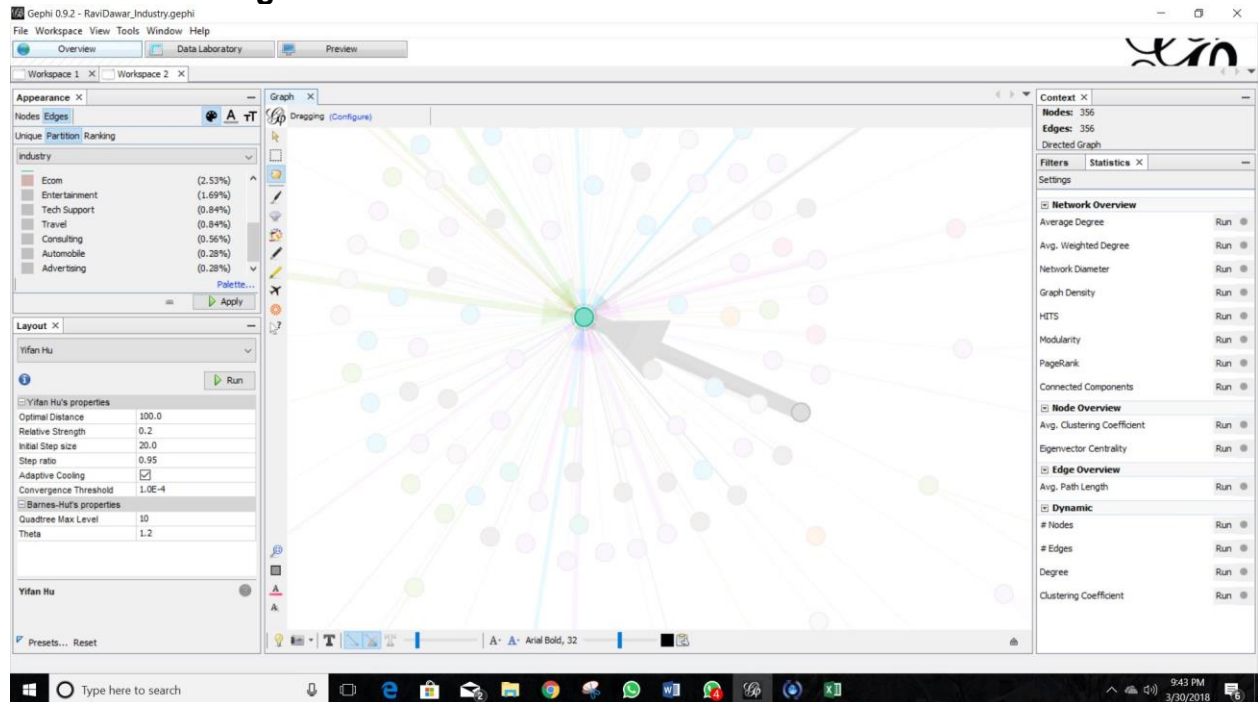
Answer: 1. The thickest edge:

Website <http://www.RaviDawar.advertising.com> belongs to Advertising Industry which has got the strongest connection with Apple website.

2. The second thickest edge:

Website <http://www.RaviDawar.automobile.com> belongs to Automobile Industry which has got the second strongest connection with Apple website.

The Thickest Edge



Gephi 0.9.2 - RaviDawar_Industry.gephi

File Workspace View Tools Window Help

Overview Data Laboratory Preview

Workspace 1 X Workspace 2 X

Data Table X

Nodes Edges Configuration Add node Add edge Search/Replace Import Spreadsheet Export table More actions Filter: id

Id	Label	Interval	Industry	Industrywise weight	description	origin
328			Education	4	http://hourofcode.com/	External
329			Education	4	http://hourofcode.com/fr/partners	External
330			Education	4	http://hourofcode.com/h/partners	External
331			Education	4	http://hourofcode.com/us/partners	External
332			Technology	11	http://apple.hereinvest.cz/headarticle.ph...	External
333			Ecom	3	http://insights.wired.com/profiles/blogs/...	External
334			News	7	http://insights.wired.com/profiles/blogs/...	External
335			Education	4	http://indents17.com/	External
336			Education	4	http://indents17.com/codekit/	External
337			Ecom	3	http://liveoutloudproductions.com/	External
338			Technology	11	http://lvm.org/	External
339			Education	4	http://lvm.org/devmtg/2009-10/	External
340			Education	4	http://lvm.org/devmtg/2011-11/	External
341			Education	4	http://lvm.org/devmtg/2012-11/	External
342			Education	4	http://lvm.org/devmtg/2013-11/	External
343			Technology	11	http://mac.appstore.net/houndups/tblle...	External
344			News	7	http://mashable.com/	External
345			Ecom	3	http://marty.com/	External
346			News	7	http://mashable.com/2007/06/12/apple-...	External
347			News	7	http://mashable.com/2007/11/29/brightc...	External
348			News	7	http://mashable.com/2008/05/05/2008-...	External
349			News	7	http://mashable.com/2009/01/30/super-...	External
350			News	7	http://mashable.com/2010/08/31/apple-...	External
351			News	7	http://mashable.com/2011/02/04/iphone-...	External
352			News	7	http://mashable.com/2013/02/22/social-...	External
353			News	7	http://mashable.com/2014/09/29/advert-...	External
354			Apple	1	http://apple.com/	Internal
355			Advertising	13	http://www.RaviDawar-advertising.com/	External
356			Automobile	14	http://www.RaviDawar-automobile.com	External

Add column Merge columns Delete column Clear column Copy data to other column Fill column with a value Duplicate column Create a boolean column from regex match Create column with list of regex matching groups Negate boolean values Convert column to dynamic

Type here to search

9:44 PM 3/30/2018

The Second Thickest Edge

Gephi 0.9.2 - RaviDawar_Industry.gephi

File Workspace View Tools Window Help

Overview Data Laboratory Preview

Workspace 1 X Workspace 2 X

Appearance X Graph X

Nodes Edges Unique Partition Ranking

Industry

- Ecom (2.53%)
- Entertainment (1.69%)
- Tech Support (0.84%)
- Travel (0.56%)
- Consulting (0.56%)
- Automobile (0.28%)
- Advertising (0.28%)

Layout X

Yifan Hu

Run

Yifan Hu's properties

- Optimal Distance 100.0
- Relative Strength 0.2
- Initial Step size 20.0
- Step ratio 0.95
- Adaptive Cooling ☒
- Convergence Threshold 1.0E-4

Barnes-Hut's properties

- Quadtree Max Level 10
- Theta 1.2

Yifan Hu

Presets... Reset

Graph X

Dragging (Configure)

Context X

Nodes: 356 Edges: 356 Directed Graph

Filters Statistics X

Settings

Network Overview

- Average Degree Run
- Avg. Weighted Degree Run
- Network Diameter Run
- Graph Density Run
- HITS Run
- Modularity Run
- PageRank Run
- Connected Components Run

Node Overview

- Avg. Clustering Coefficient Run
- Eigenvector Centrality Run

Edge Overview

- Avg. Path Length Run

Dynamic

- # Nodes Run
- # Edges Run
- Degree Run
- Clustering Coefficient Run

Type here to search

10:00 PM 3/30/2018

Gephi 0.9.2 - RaviDawar_Industry.gephi

File Workspace View Tools Window Help

Overview Data Laboratory Preview

Workspace 1 X Workspace 2 X

Data Table X

Nodes Edges Configuration Add node Add edge Search/Replace Import Spreadsheet Export table More actions Filter: Id

Id	Label	Interval	industry	industrywise weight	description	origin
328			Education	4	http://hourofcode.com/	External
329			Education	4	http://hourofcode.com/es/partners	External
330			Education	4	http://hourofcode.com/fr/partners	External
331			Education	4	http://hourofcode.com/hk/partners	External
332			Technology	11	http://hourofcode.com/us/partners	External
333			Ecom	3	http://apple.herrnweb.cz/headarticle.php...	External
334			News	7	http://insights.wired.com/profiles/blogs/...	External
335			Education	4	http://nindent57.com/	External
336			Education	4	http://nindent57.com/codekit/	External
337			Ecom	3	http://livecloudproductions.com/	External
338			Technology	11	http://lvm.org/	External
339			Education	4	http://lvm.org/devmtg/2009-10/	External
340			Education	4	http://lvm.org/devmtg/2011-11/	External
341			Education	4	http://lvm.org/devmtg/2012-11/	External
342			Education	4	http://lvm.org/devmtg/2013-11/	External
343			Technology	11	http://mac.apptorn.net/roundups/utbl...	External
344			News	7	http://mashable.com/	External
345			Ecom	3	http://marty.com/	External
346			News	7	http://mashable.com/2007/06/12/apple-...	External
347			News	7	http://mashable.com/2007/11/29/brightc...	External
348			News	7	http://mashable.com/2008/05/05/2008-...	External
349			News	7	http://mashable.com/2009/01/30/super-...	External
350			News	7	http://mashable.com/2010/08/31/apple-4...	External
351			News	7	http://mashable.com/2011/02/04/iphone-...	External
352			News	7	http://mashable.com/2013/02/22/social-...	External
353			News	7	http://mashable.com/2014/09/29/advert-...	External
354			Apple	1	http://apple.com/	Internal
355			Advertising	13	http://www.RaviDawar-advertising.com	External
356			Automobile	14	http://www.RaviDawar-automobile.com	External

Add column Merge columns Delete column Clear column Copy data to other column Fill column with a value Duplicate column Create a boolean column from regex match Create column with list of regex matching groups Negate boolean values Convert column to dynamic

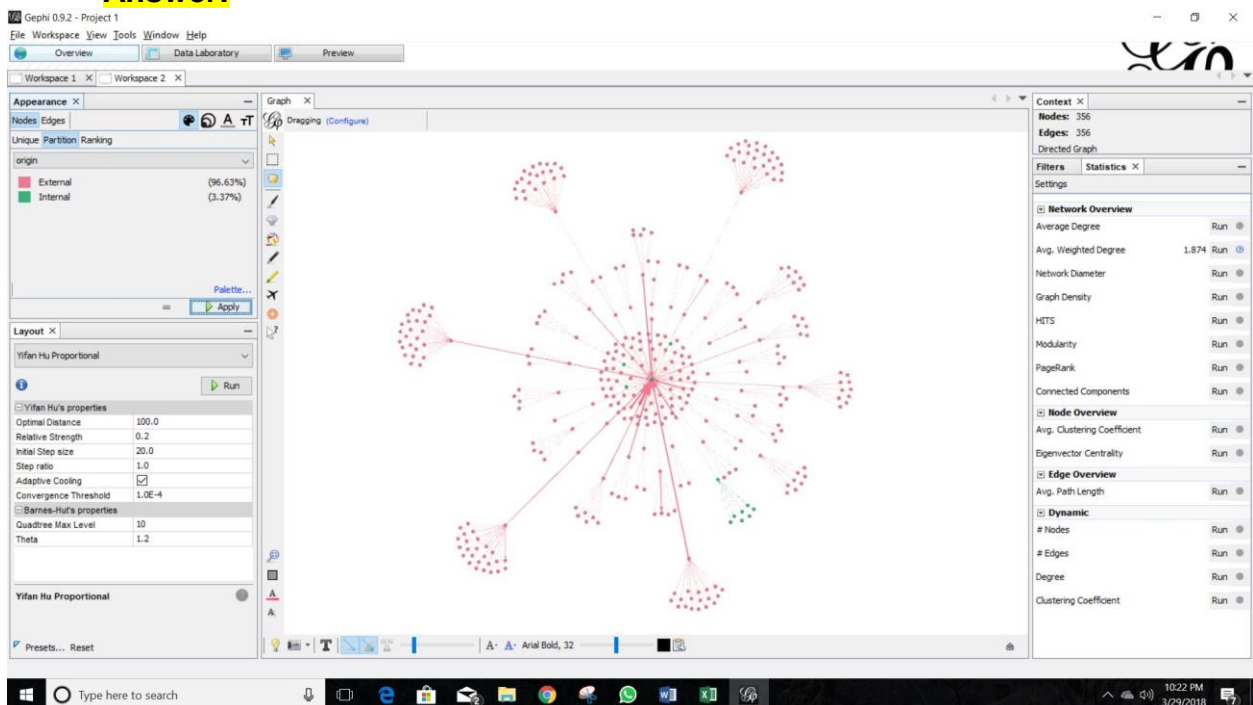
Type here to search

10:00 PM 3/30/2018

Question:

I) Paste the screen shot of your Graph or Visualization section.

Answer:



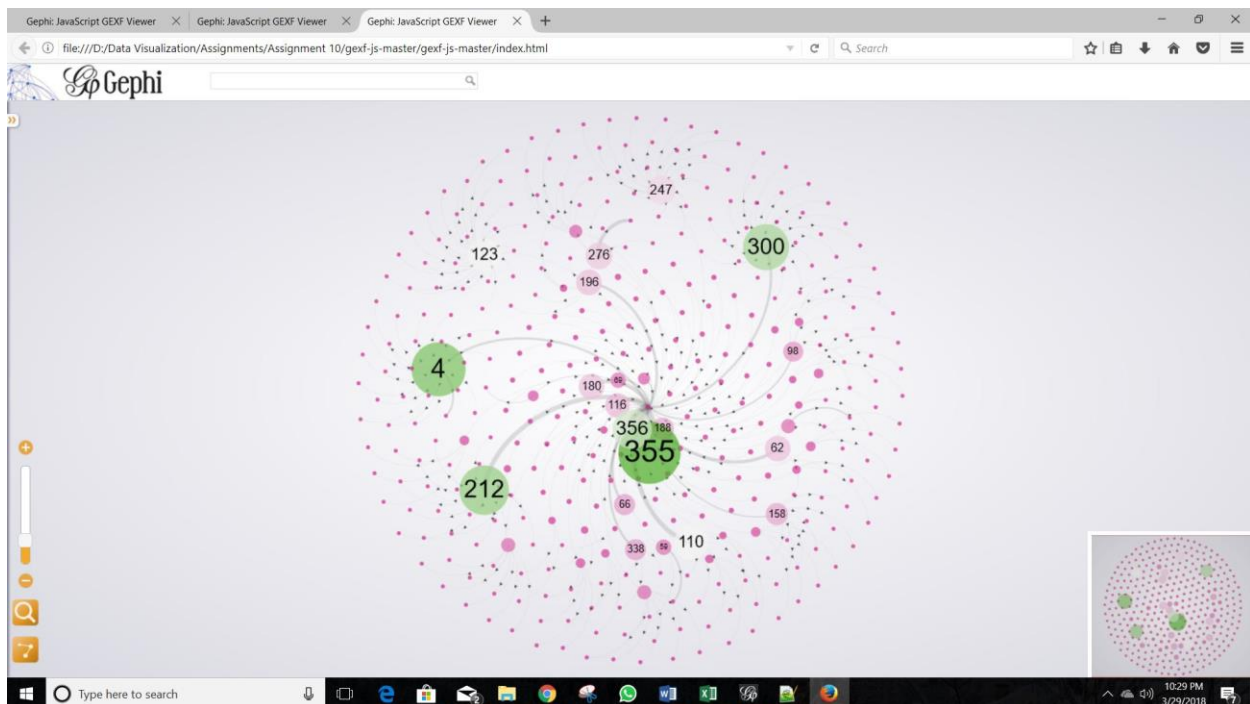
J) How many internal nodes can you see from the graph excluding the central node?

Answer: There are 11 nodes for Internal origin excluding the central node.

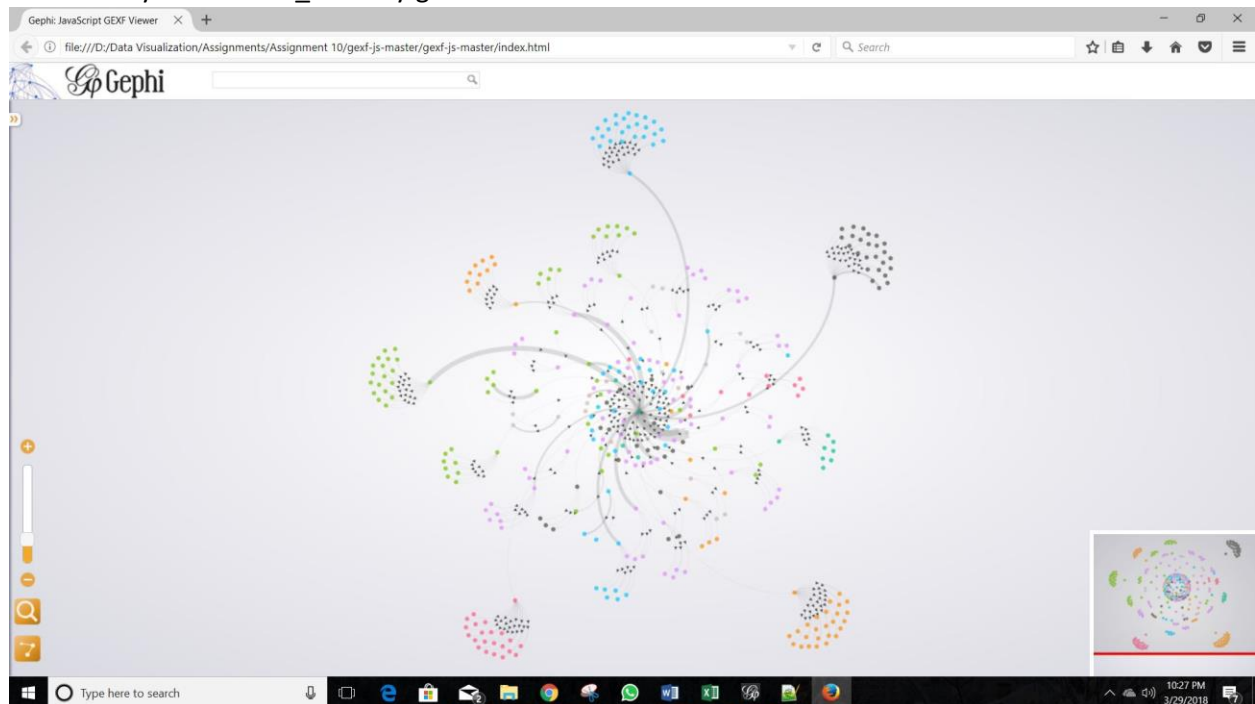
Question:

K) Display each of the 3 exported .gexf files in the browser and paste the screen shot below.

For Website: RaviDawar_Website.gexf



For Industry: RaviDawar_Industry.gexf



For Internal and External Origin: RaviDawar_IntExt.gexf

