



MapInfo Update

What's new and what's coming!

18th October 2013

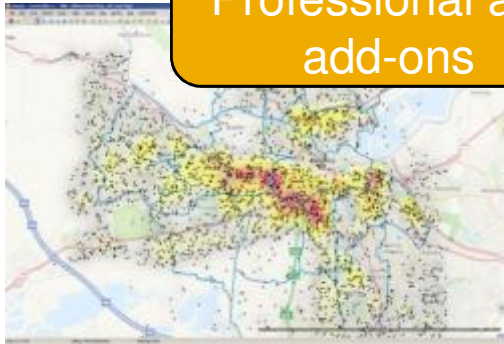
Overview

- Our portfolio and what's new in MapInfo Professional v12
- What's coming next for MapInfo Professional
- New resources available to the MapInfo community



The MapInfo Enterprise Suite

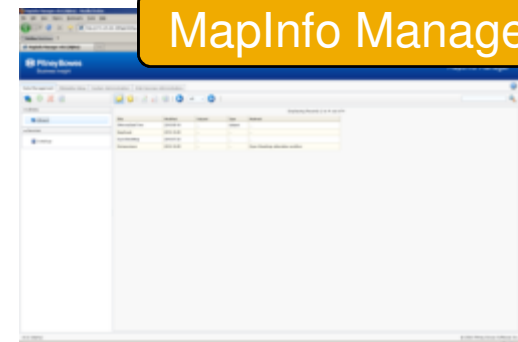
MapInfo
Professional and
add-ons



MapInfo Stratus

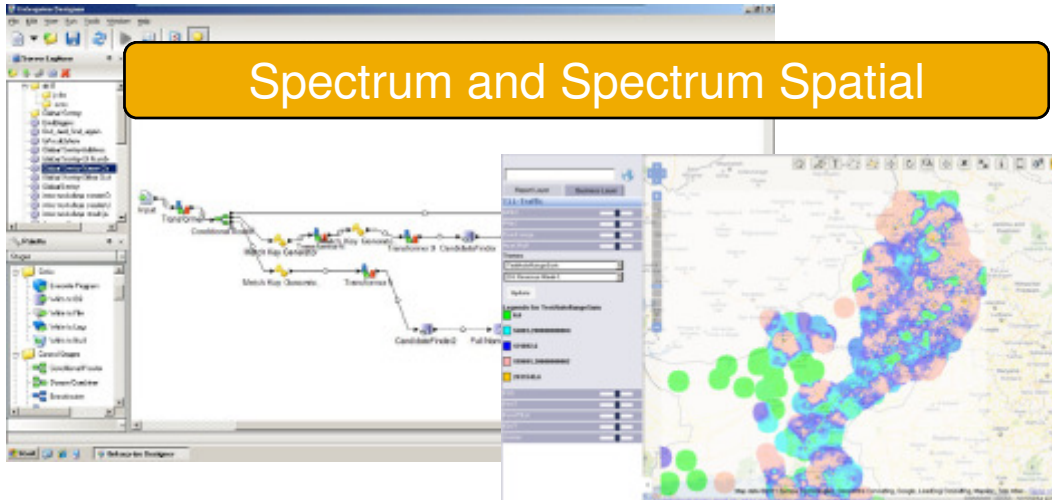


MapInfo Manager

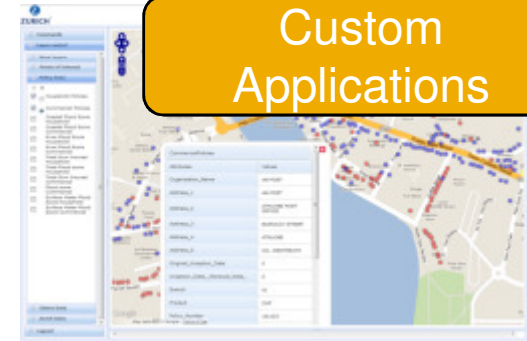


Services (OGC + SOAP + REST)

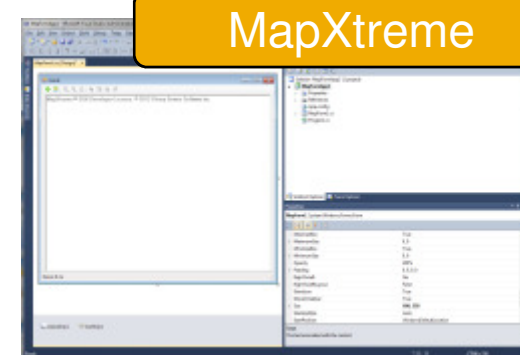
Spectrum and Spectrum Spatial



Custom
Applications



MapXtreme



MapInfo Professional v12.0 themes



Cartographic output

Improved automatic label positioning
Ability to set label priority between layers
Scalebar improvements
Legend Designer improvements
Align objects in layout



Technology stack updates

PostGIS 2, SQL Server 2012, Oracle 12C
.NET 4.0



Data access

FME 2013 and FME Quick Translator
Create SQLite database, WFS v1.1



Tools

Table Structure Manager
PolyBuilder
MapCAD tools update



Licensing

Broken license fix, re-install
Improved control and access for internally hosted and administered License servers

Roadmap: MapInfo Professional v12.5 themes



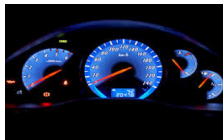
Cartographic output

Ability to work directly with a map in a layout
Layout Designer



OS – 64 bit

Full 64 bit application
Windows XP will no longer be supported



Performance Improvements

Framework for running long operations on a
background thread, use of multiple cores. Object
Processing improvements



User Experience upgrades

Redesigned user interface with ribbons



Licensing

Better control and stability for distributed licenses

Introducing.....mapinfo.com

MapInfo.

PRODUCTS

INDUSTRIES

PARTNERS

RESOURCES

SUPPORT

Work Smarter, Not Harder

MapInfo Professional v12.0: Spatial analysis made easy.

Improved labelling and cartographic tools make it faster and easier than ever to create great looking, informative maps.

[Learn More](#)



Desktop

Present your business findings in a new, more visual way

[Learn More](#)



Server

Centrally managed location data usable across departments

[Learn More](#)



Web

Instantly share location data via powerful interactive maps online

[Learn More](#)



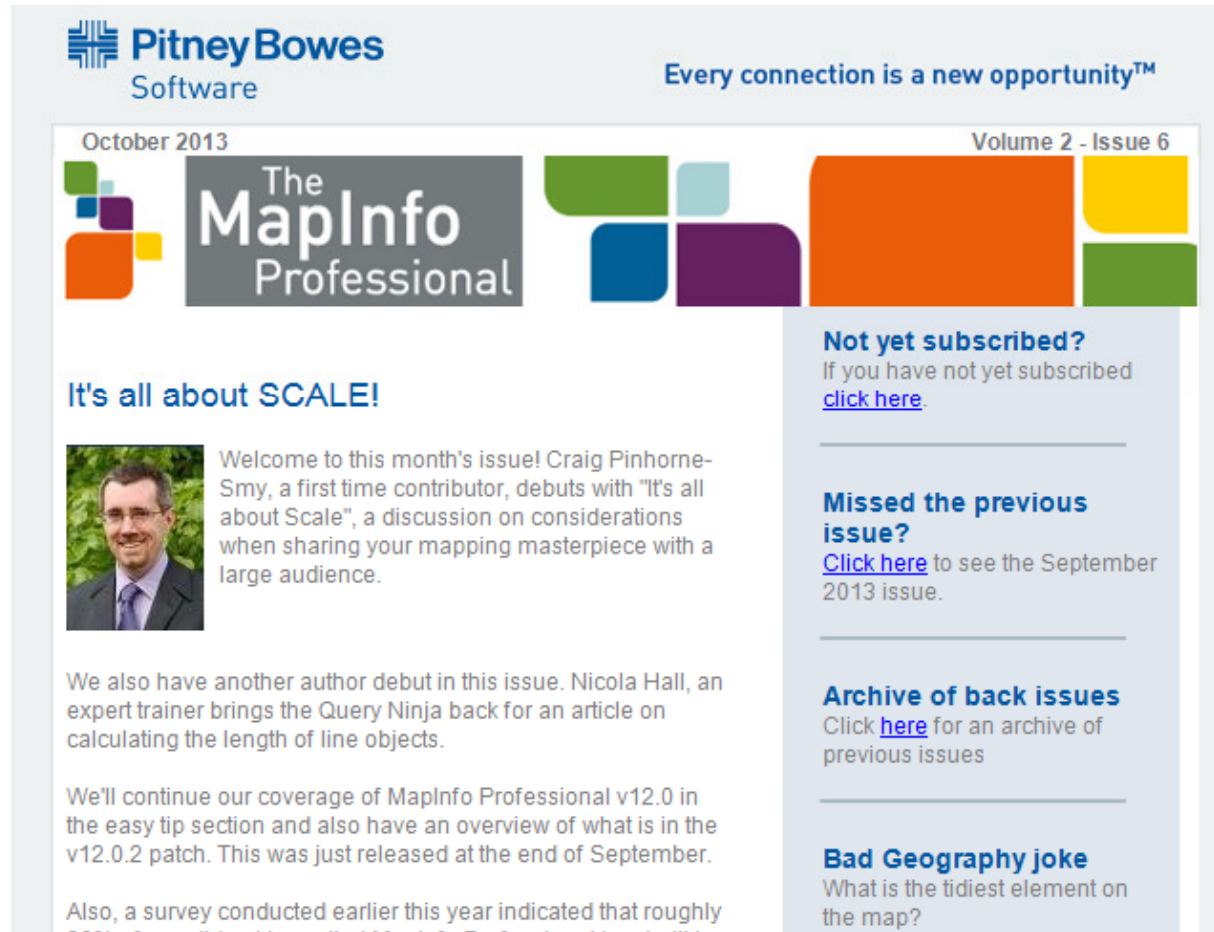
Data

Location-based data to help enrich and enhance your spatial analysis

[Learn More](#)

More resources for the MapInfo community

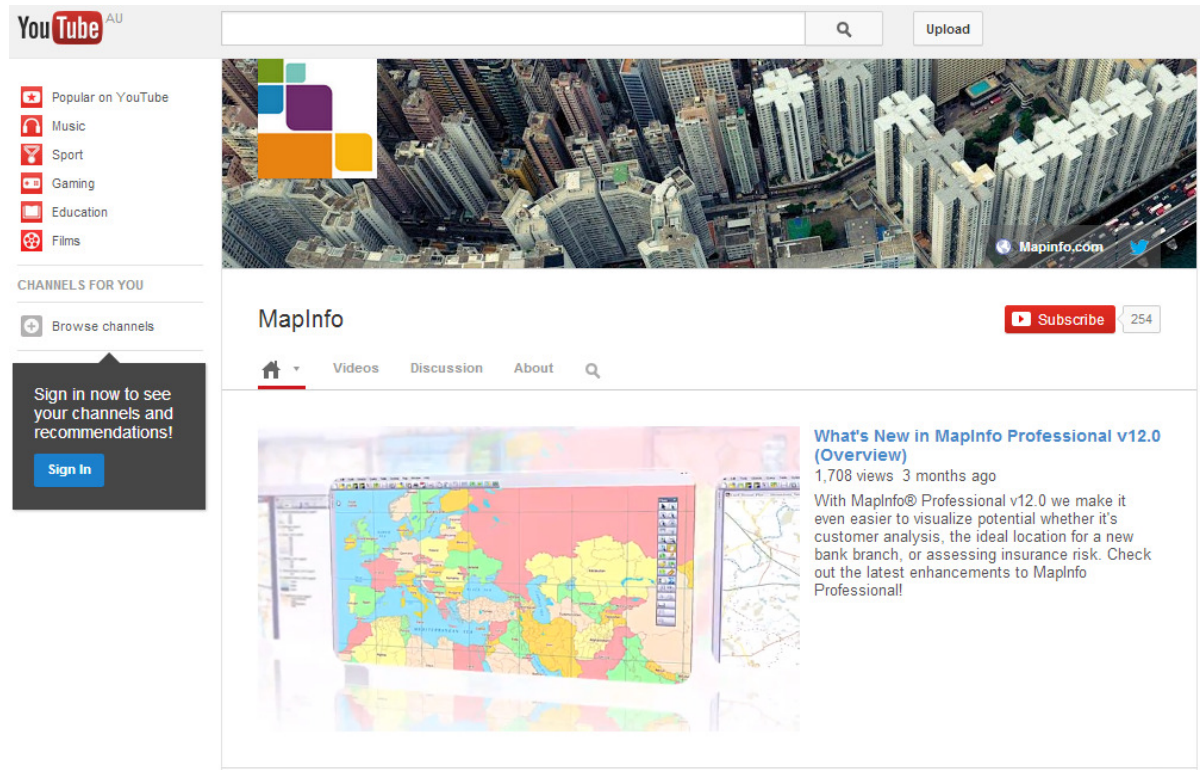
- “The MapInfo Professional” Journal
- MapInfo YouTube channel
- Follow us on Twitter
- LinkedIn Pages
- The Ideas Portal



More resources for the MapInfo community

<http://www.youtube.com/mapinfo>

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More resources for the MapInfo community

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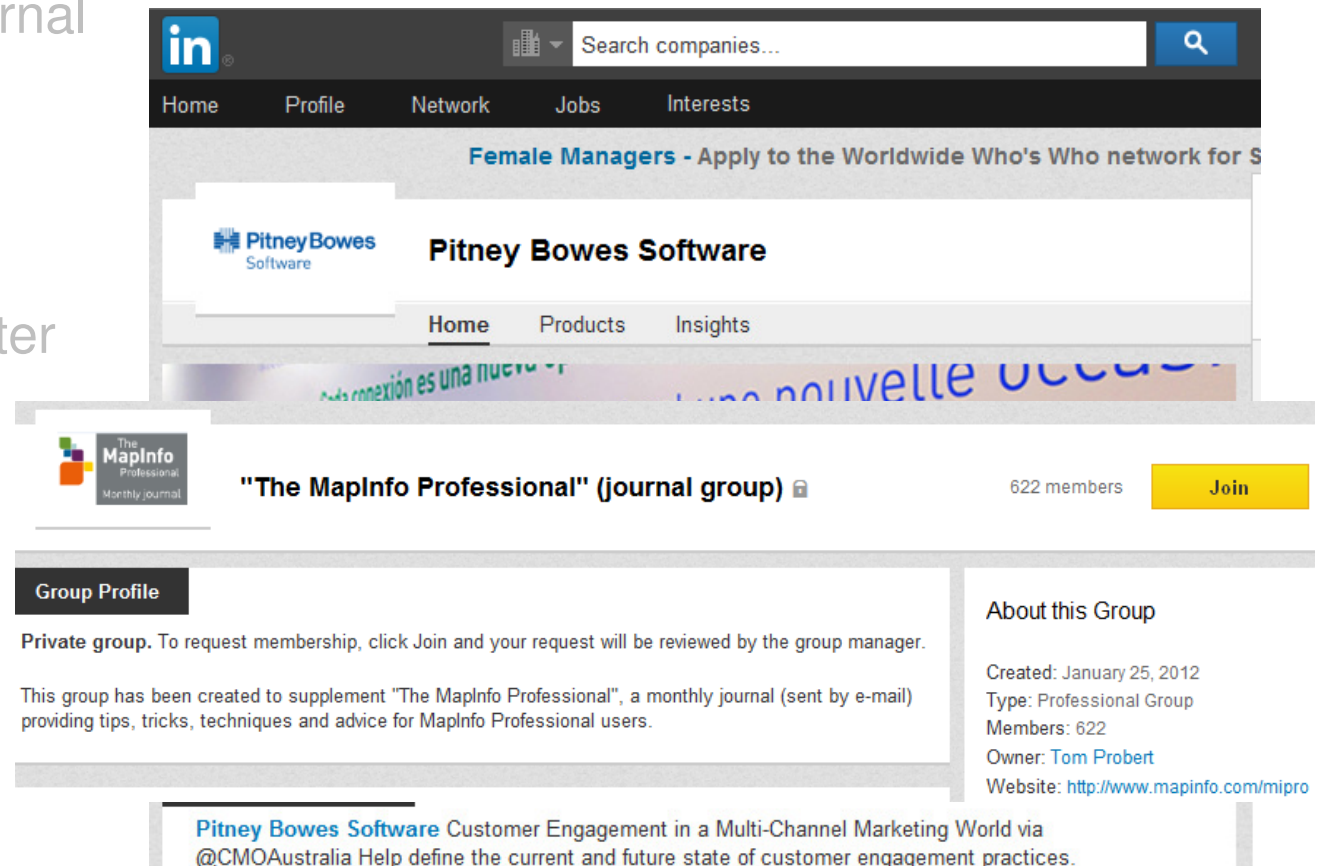
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The screenshot displays the MapInfo Twitter profile. On the left, a sidebar menu includes links for Tweets, Following, Followers, Favourites, and Lists. Below this is a 'Follow MapInfo' section with input fields for 'Full name', 'Email', and 'Password', followed by a yellow 'Sign up' button. At the bottom of the sidebar is a 'Photos and videos' section showing a grid of map-related images. The main profile area on the right features the MapInfo logo (a square composed of four colored squares: green, purple, orange, and yellow), the name 'MapInfo', the handle '@mapinfo', and the website 'mapinfo.com'. It also displays statistics: 316 TWEETS, 2,802 FOLLOWING, and 2,594 FOLLOWERS, along with a 'Follow' button. Below the profile information, a 'Tweets' section shows two tweets. The first tweet from MapInfo (@mapinfo) is dated 10h and mentions 'Current and future plans for MapInfo Professional v12.0' with a link to 'pbi.bz/17exLPb #GIS #geospatial'. The second tweet is a retweet from PB Software EMEA (@pbsoftwareEMEA) dated 10 Sep, mentioning 'Plans for the EMEA Partner Conference 2013 are well underway' and providing a link to 'pbi.bz/15SsVp9 #PBPartner #PBEP13'.

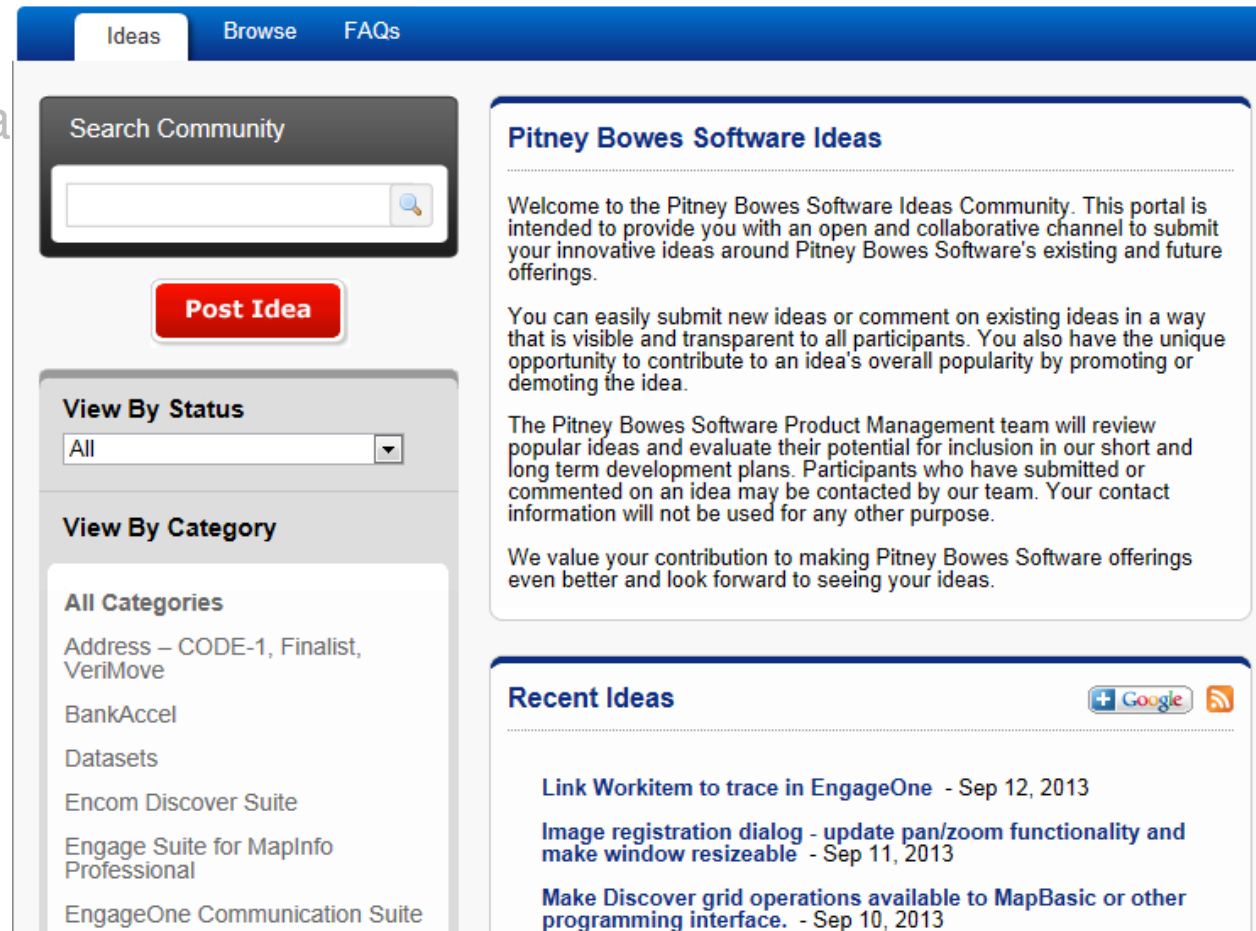
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The screenshot displays the 'Pitney Bowes Software Ideas' portal. At the top, a navigation bar includes 'Ideas', 'Browse', and 'FAQs'. The main content area is divided into three sections. On the left, a 'Search Community' box features a search input field and a magnifying glass icon, with a red 'Post Idea' button below it. Below this is a 'View By Status' dropdown menu set to 'All'. Further down is a 'View By Category' section listing various software categories under the heading 'All Categories'. On the right, a large text block welcomes users to the Pitney Bowes Software Ideas Community, explaining the purpose of the portal and the review process. At the bottom right, a 'Recent Ideas' section lists three ideas with their dates: 'Link Workitem to trace in EngageOne' (Sep 12, 2013), 'Image registration dialog - update pan/zoom functionality and make window resizable' (Sep 11, 2013), and 'Make Discover grid operations available to MapBasic or other programming interface' (Sep 10, 2013). Social media icons for Google+ and RSS are also present.

Pitney Bowes Software Ideas

Welcome to the Pitney Bowes Software Ideas Community. This portal is intended to provide you with an open and collaborative channel to submit your innovative ideas around Pitney Bowes Software's existing and future offerings.

You can easily submit new ideas or comment on existing ideas in a way that is visible and transparent to all participants. You also have the unique opportunity to contribute to an idea's overall popularity by promoting or demoting the idea.

The Pitney Bowes Software Product Management team will review popular ideas and evaluate their potential for inclusion in our short and long term development plans. Participants who have submitted or commented on an idea may be contacted by our team. Your contact information will not be used for any other purpose.

We value your contribution to making Pitney Bowes Software offerings even better and look forward to seeing your ideas.

Recent Ideas

- Link Workitem to trace in EngageOne - Sep 12, 2013
- Image registration dialog - update pan/zoom functionality and make window resizable - Sep 11, 2013
- Make Discover grid operations available to MapBasic or other programming interface. - Sep 10, 2013



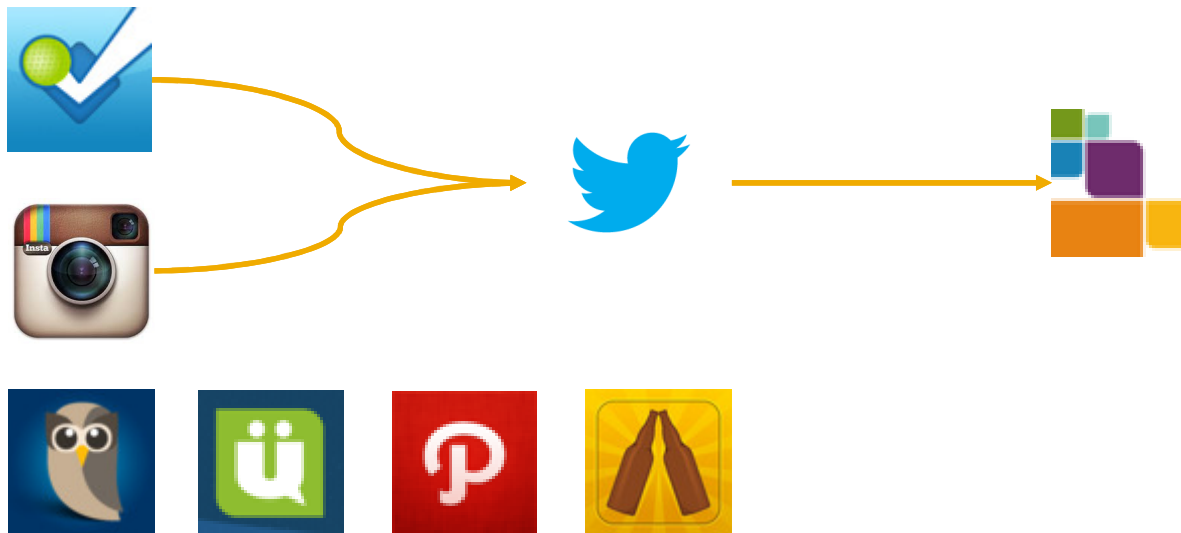
Social Media – its Gr8! But is it relevant? #Yes

Jon Flitton

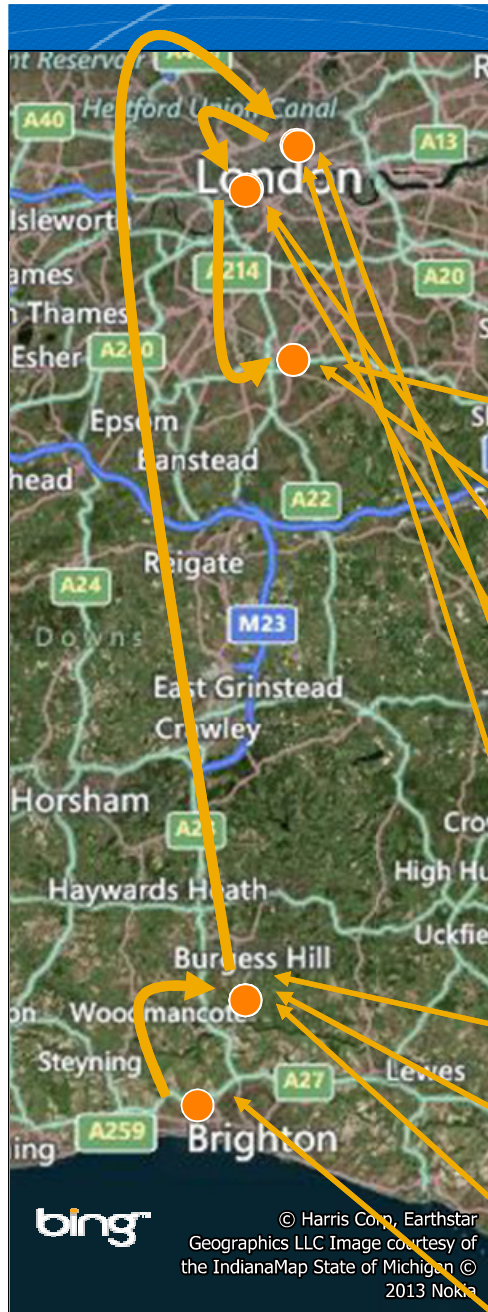
The SLA Forum -18th October, 2013

Data Source

- 1 year sample of geo-located Twitter data : June 2012-June 2013 (+)
- Foursquare ~2 million
 - Users “check-in” to locations – update sent to Twitter
- Instagram ~1.6 million
 - Users shares photos – update sent to twitter



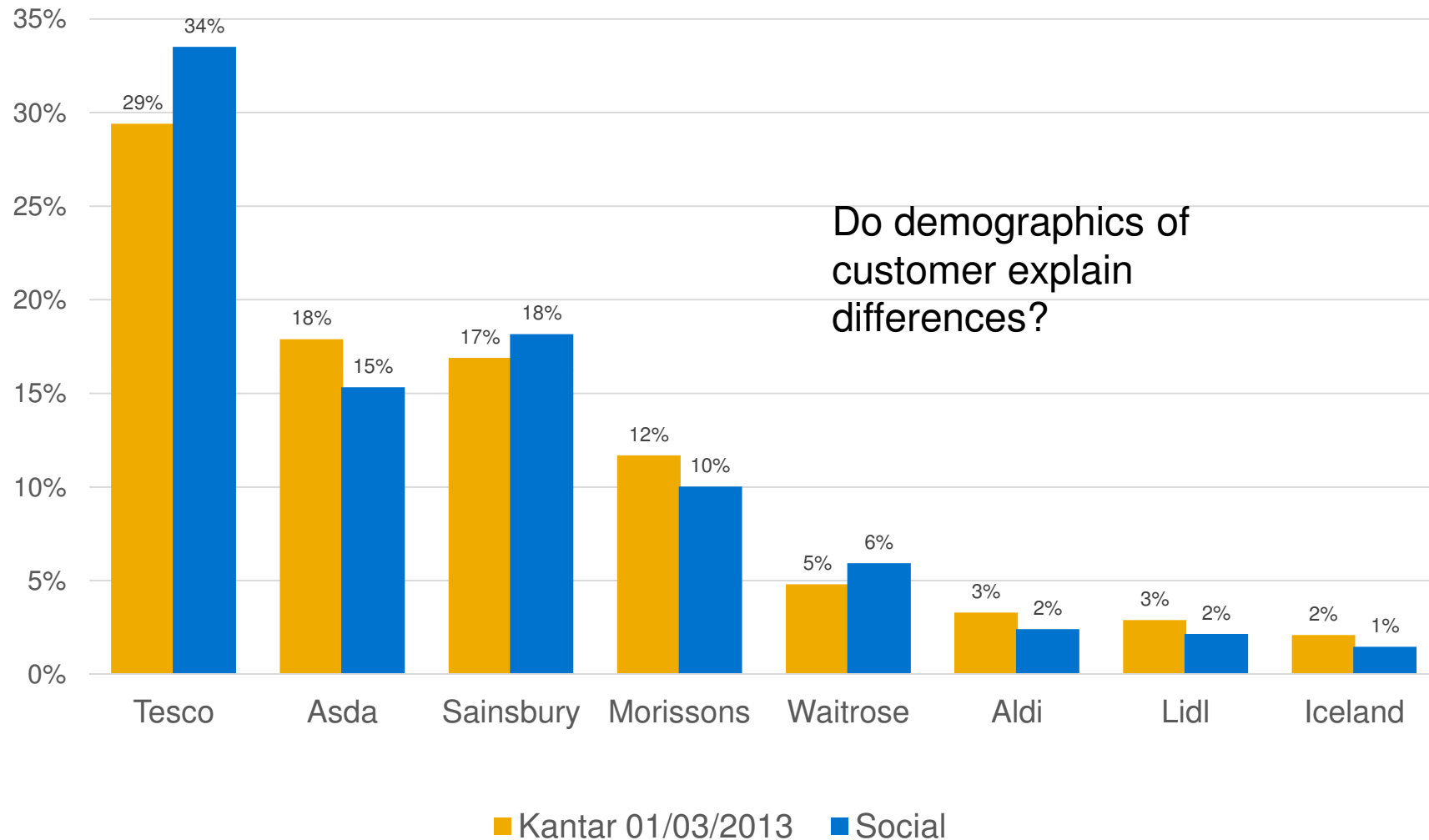
A Journey



Time	Content
15:36:08	At least the coffee is nice whilst we wait (@ AMT Coffee) http://t.co/AWXys8XQ
15:35:20	Delays and changes, normal expensive service resumes @networkrail @southernrail, no staff to c trains away... http://t.co/kOWceGq1
14:55:24	Homeward bound, c u next Thursday (unless I have to come in Monday) (@ London Victoria Railway Station (VIC)) http://t.co/t6iJ8DCs
14:31:17	Pick up the laptop all repaired...hopefully and homeward bound. Swift visit today. (@ American Express) http://t.co/vK3bWs1z
12:44:22	We have arrived at our destination (@ Moorfields Eye Hospital) http://t.co/TCZnzNCb
12:36:11	Latte and lunch time (@ Starbucks) http://t.co/3urpqcee
10:42:32	Bi-annual hospital visit with the father in law...London here we come (@ Hassocks Railway Station (HSK) w/ 2 others) http://t.co/7E94o5CE
10:41:14	Assisting the father in law on his bi-annual hospital visit...London here we go (@ Hassocks Railway Station (HSK)) http://t.co/QEDdDaap
10:40:51	Assisting the father in law on his bi-annual hospital visit... (@ Hassocks Railway Station (HSK)) http://t.co/wirCAzei
08:06:04	Walking the dogs earlier today to try and get back into a routine.... Only a couple of hours behind... http://t.co/gklIzkAi

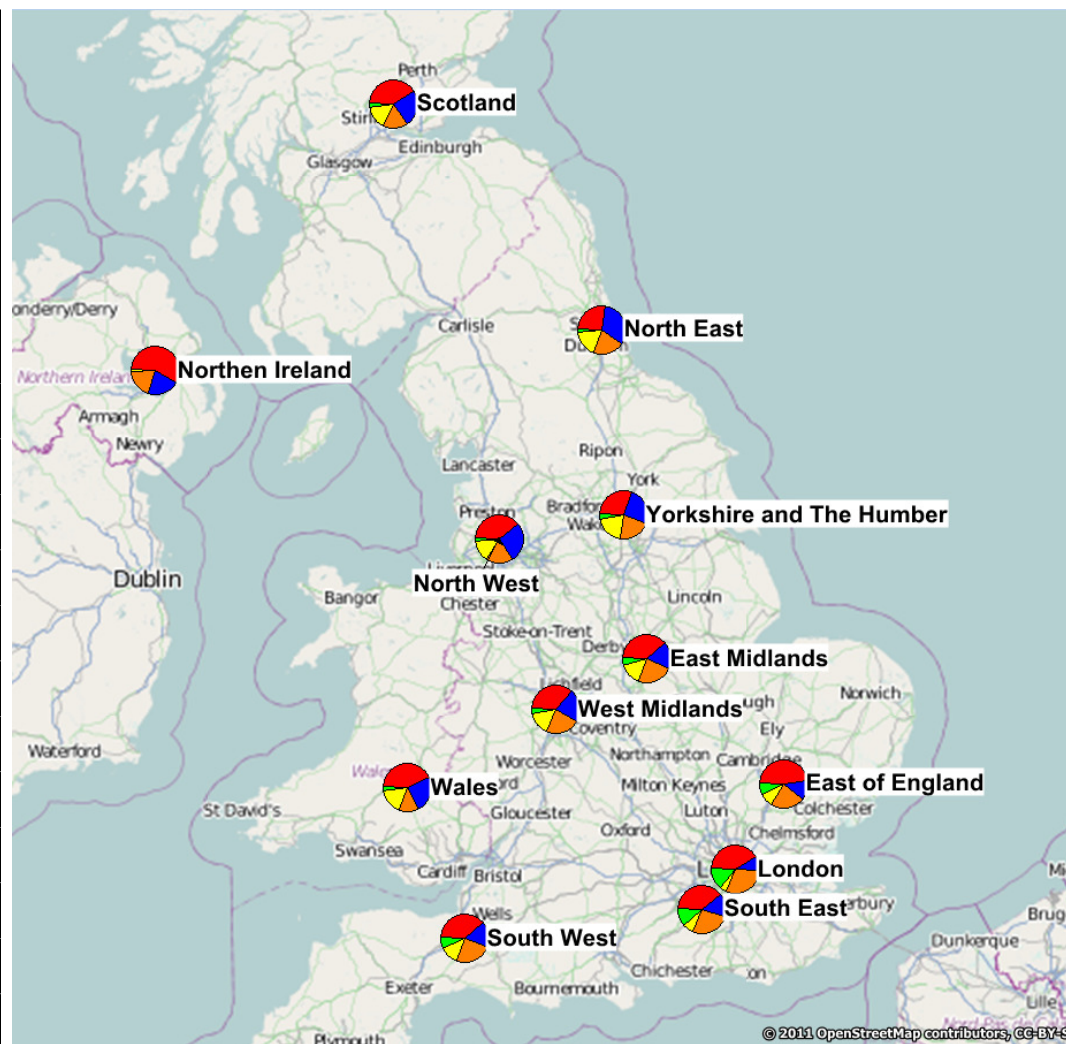


UK Grocery Market Share

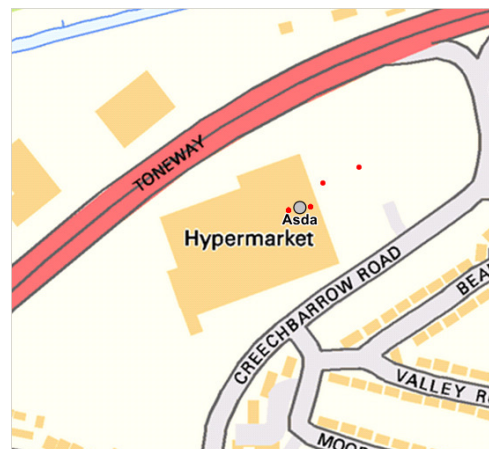
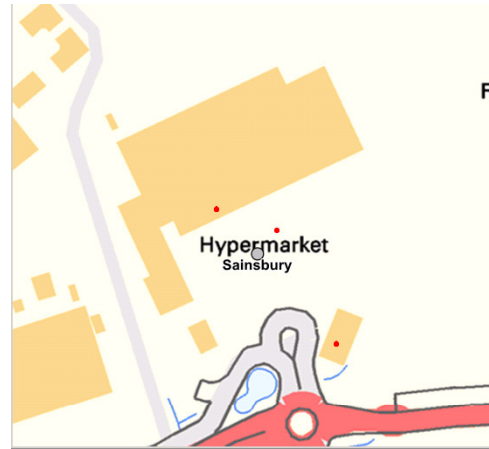
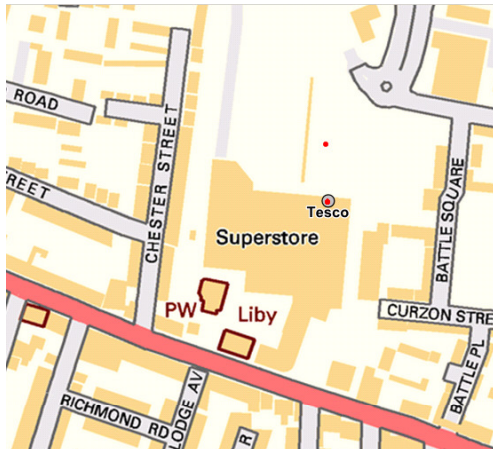


Regional Grocery Market Share

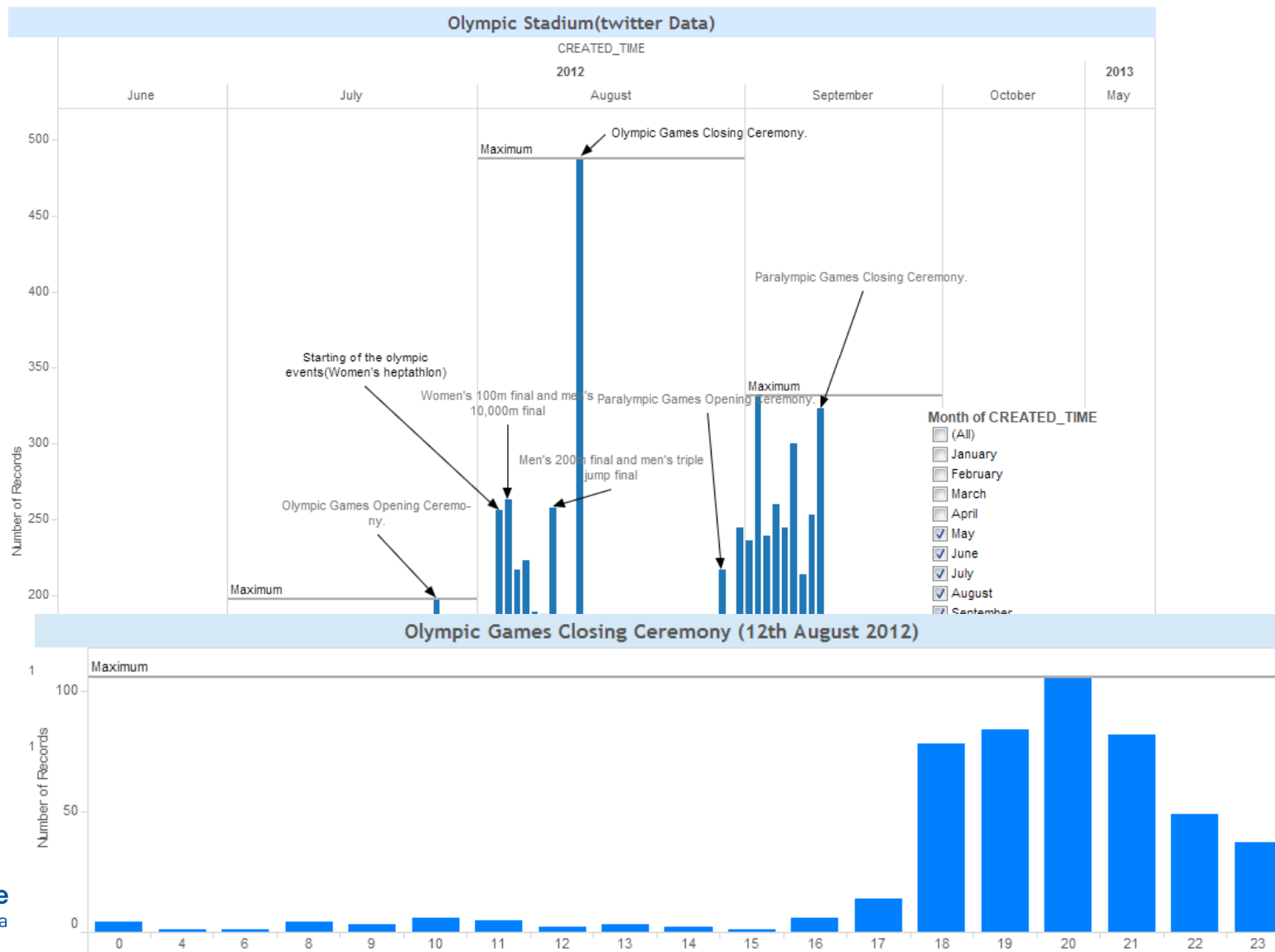
Row Labels	Asda	Morrisons	Sainsbury	Tesco	Waitrose
Northern Ireland	17%	1%	19%	63%	0%
East of England	11%	10%	19%	55%	5%
Wales	21%	14%	10%	52%	2%
London	6%	4%	30%	47%	12%
South East	16%	7%	23%	43%	12%
East Midlands	15%	13%	27%	41%	4%
Scotland	24%	18%	15%	41%	2%
North West	24%	15%	18%	40%	2%
South West	18%	12%	24%	40%	6%
West Midlands	20%	13%	33%	31%	3%
Yorkshire and The Humber	29%	18%	20%	30%	2%
North East	34%	22%	17%	26%	1%



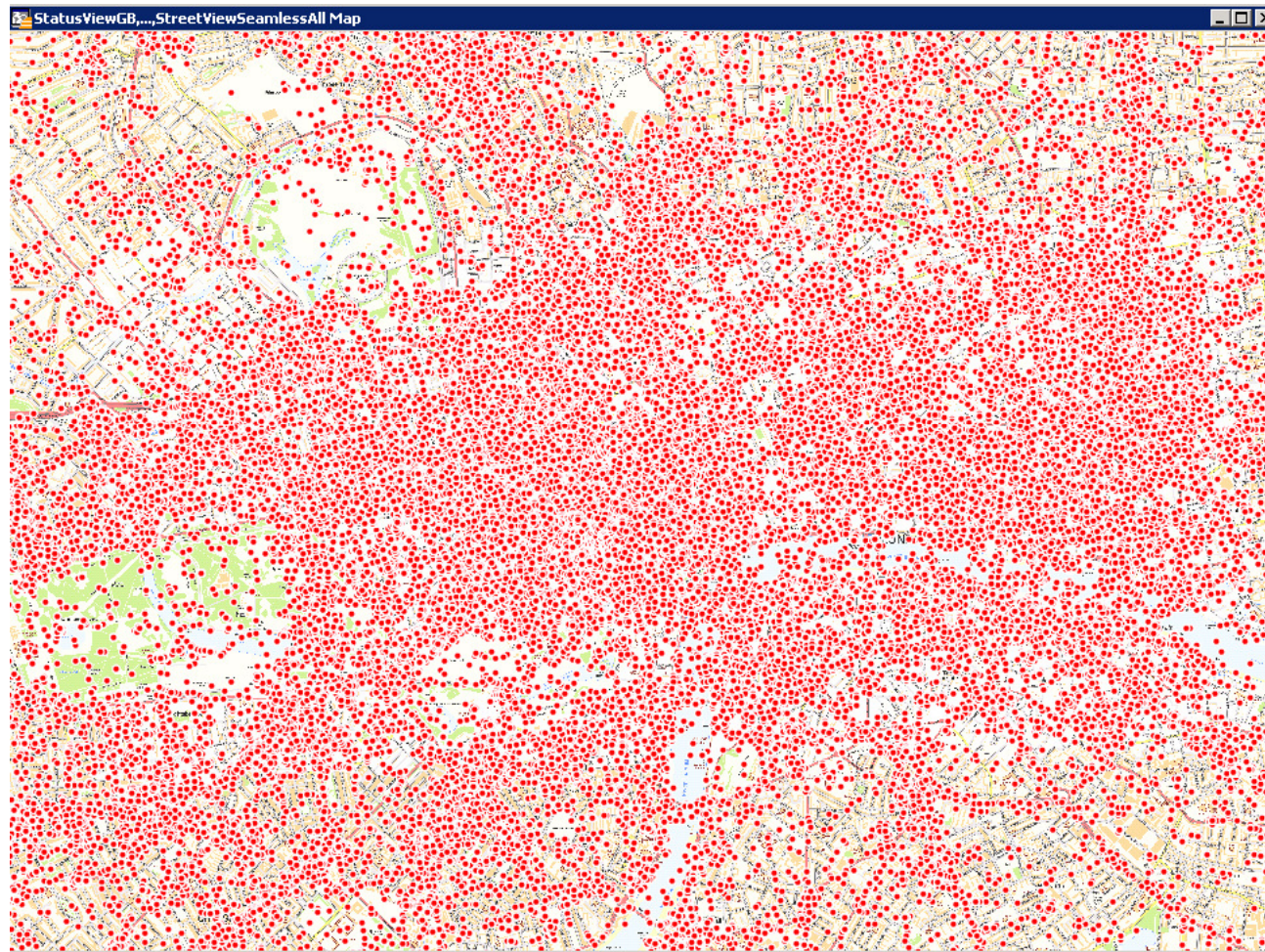
Tweet-Based Building Level Geocode



Olympic Stadium Activity

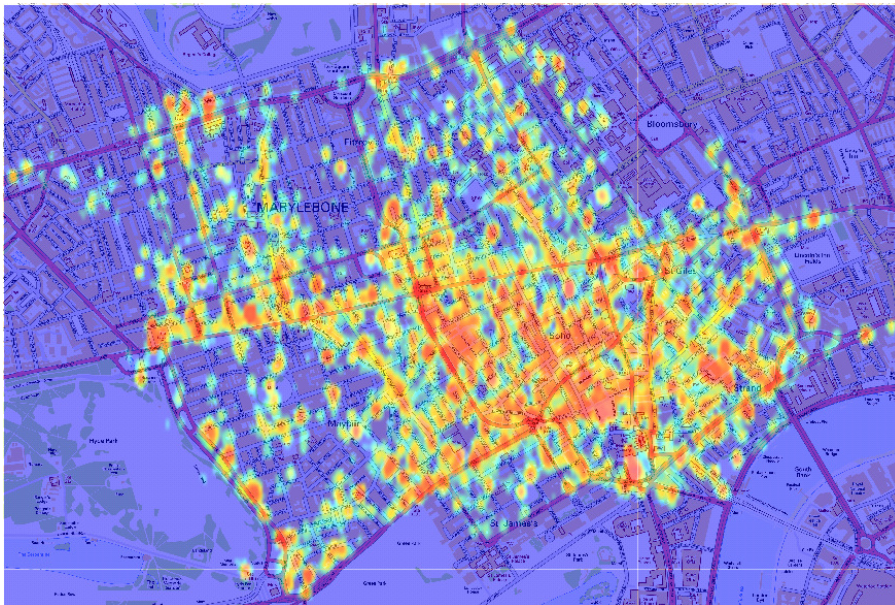


Central London

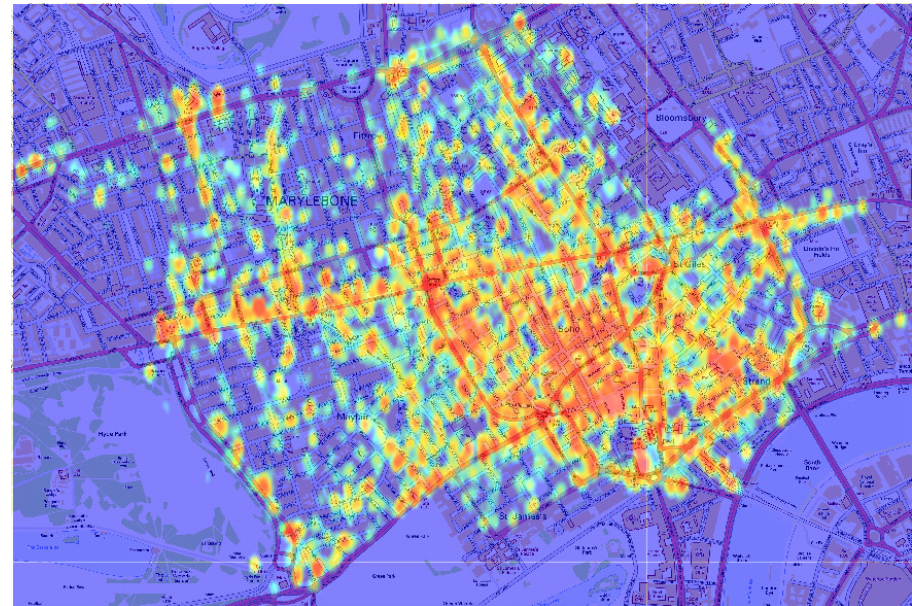


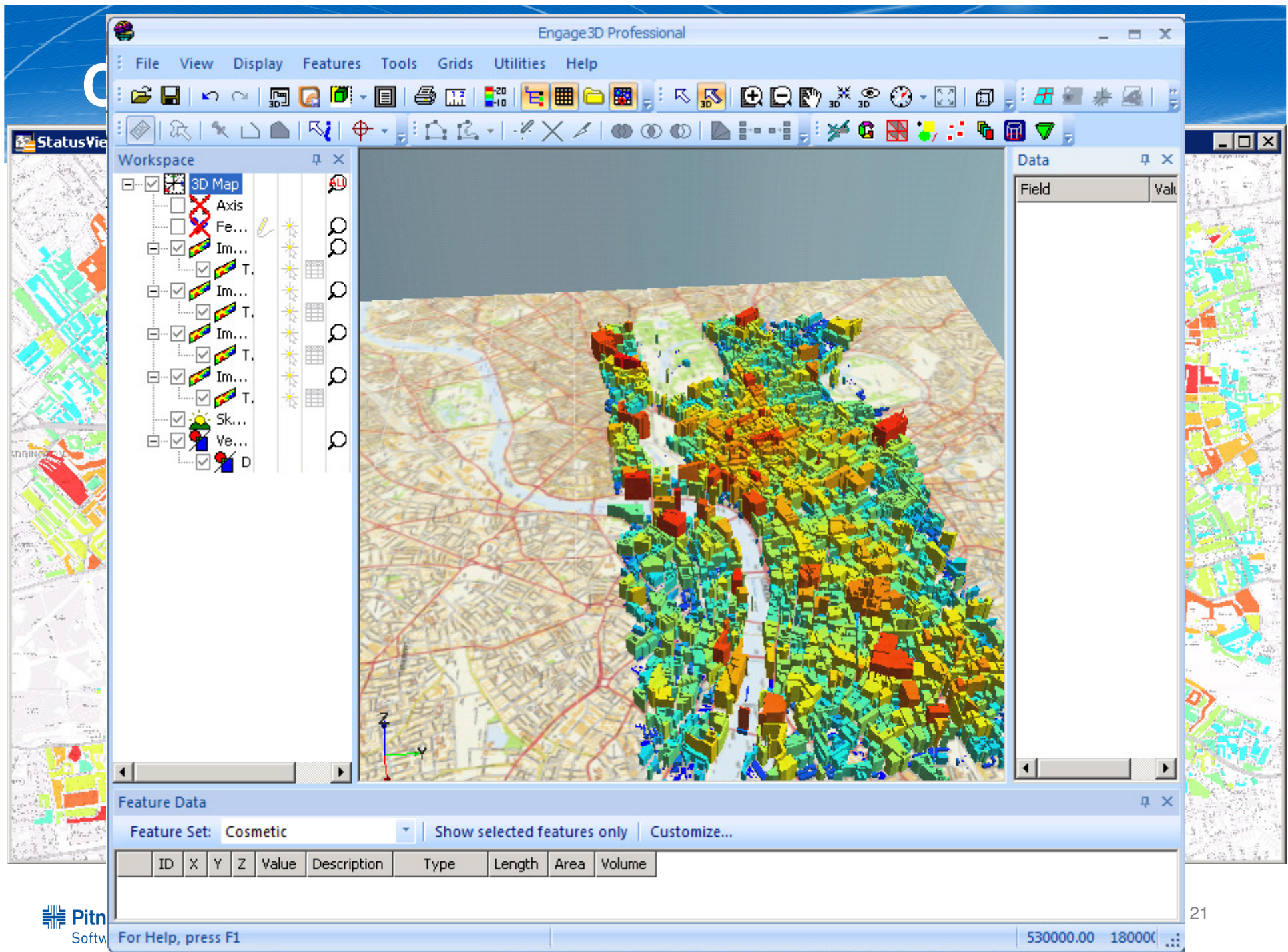
Spot the difference

Instagram



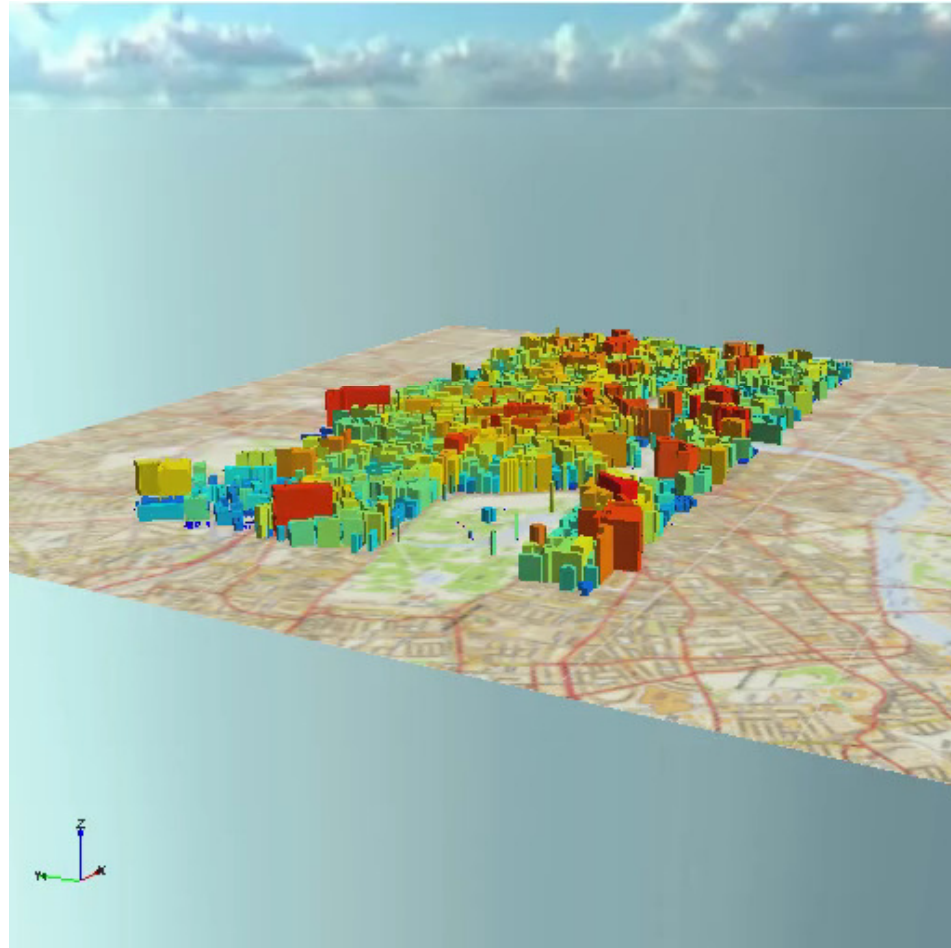
Foursquare





Engage 3D Fly through

- Built using:
- OS VectorMap District Building layer (Opendata)
- OS Streetview base map
- MapInfo Engage3d for extruding building layer based on tweet count and creation of flythrough
- I need a few more hours flying time.

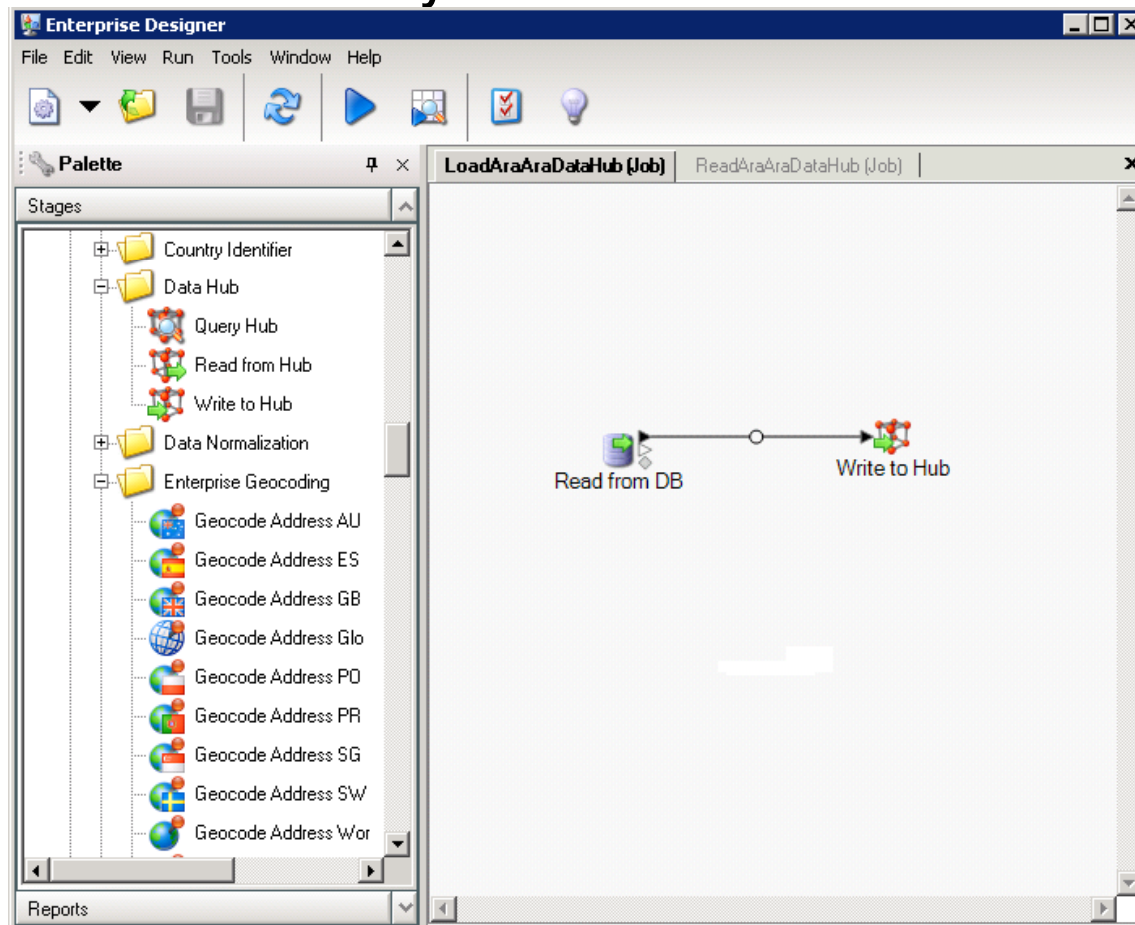


Retail Destinations

- Polygon definition of areas of retail activity – since 2003
- Score based on amount and type of retail and the urban environment
- What about Social media based Ranking
 - How many users and tweets within a destination?
- We also know when a user has checked in to multiple destinations
- Measures of importance (centrality) based on social media based connectivity.
 - Betweenness
- Work in Progress

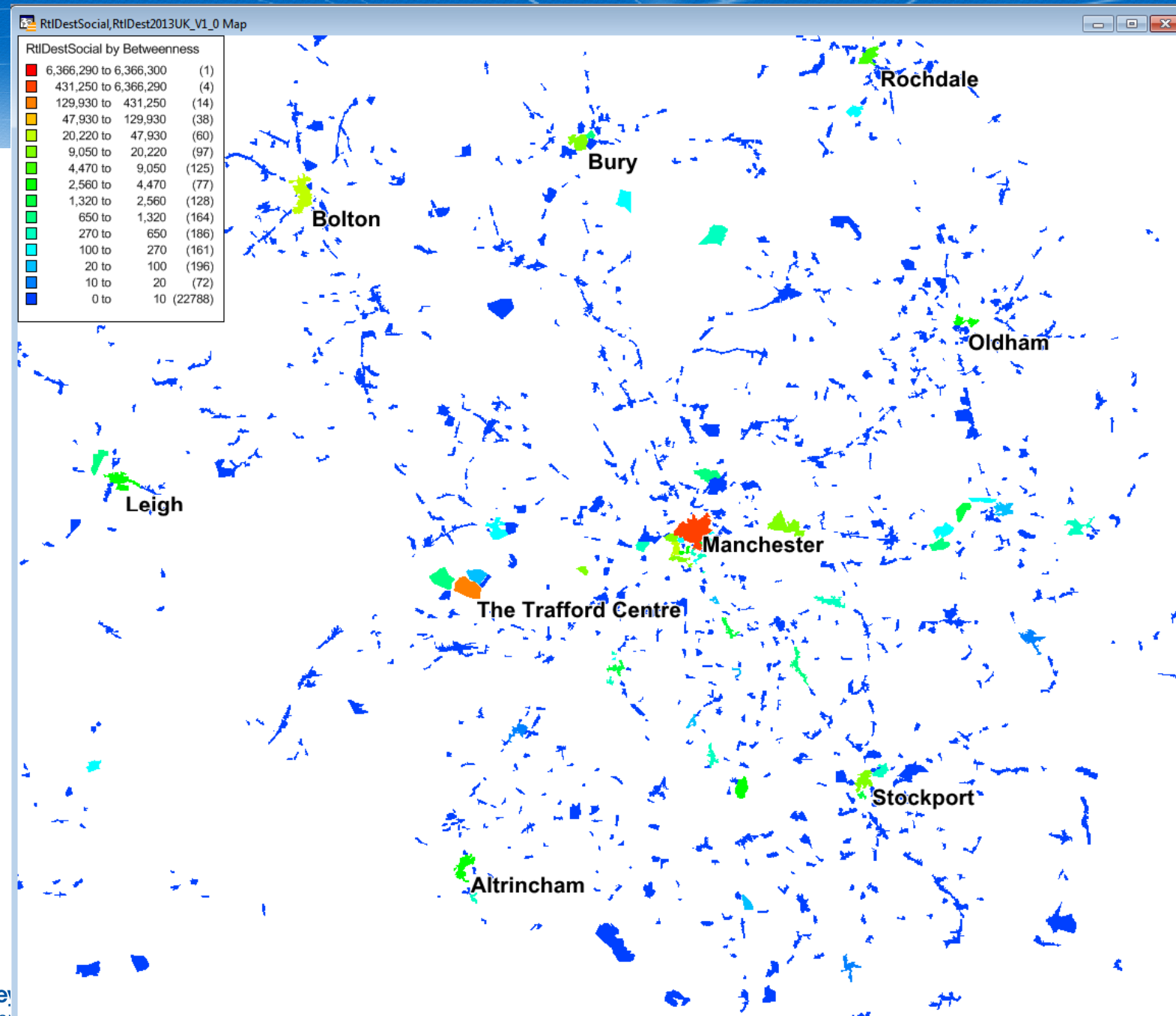
Spectrum platform : DataHub

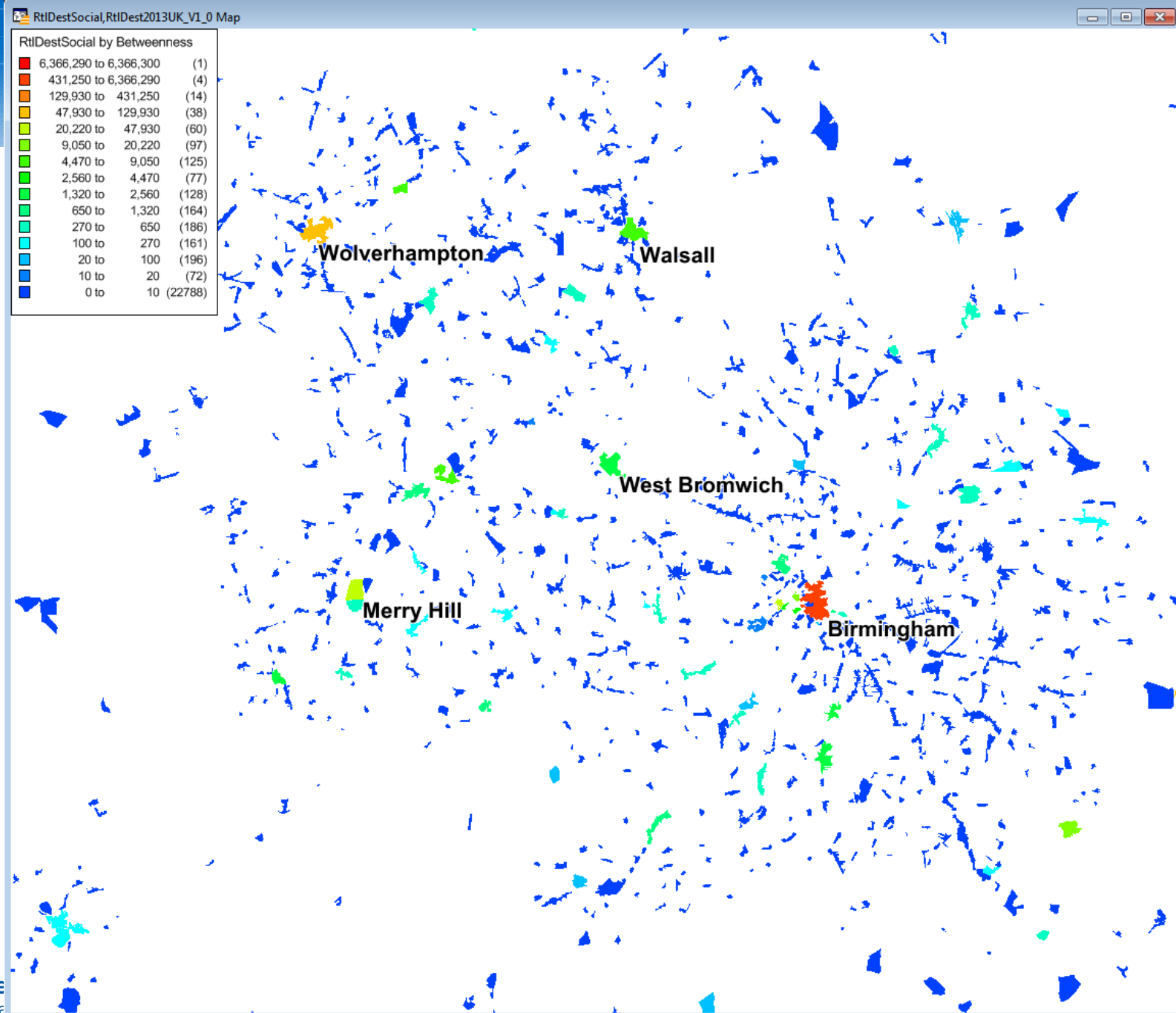
- Graph database implementation
- Measures of centrality



Ranking – Betweenness looks good

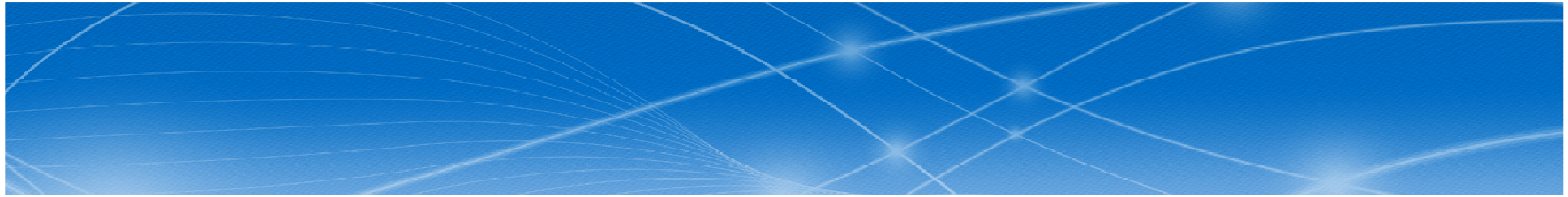
Rank	AraScore	NumTweets	NumUsers	FourSquare	Instagram	Betweenness	Degree	Influence
1	London West End	London West End	London West End	London West End	London West End	London West End	London West End	London West End
2	Glasgow	Manchester	Camden	Manchester	Manchester	Manchester	Manchester	Camden
3	Manchester	Glasgow	Knightsbridge	Glasgow	Spitalfields	Birmingham	Camden	O2
4	Leeds	Knightsbridge	Spitalfields	Birmingham	Camden	Glasgow	O2	Westfield Stratford City
5	Nottingham	Camden	Manchester	Leeds	Knightsbridge	Cardiff	Birmingham	Spitalfields
6	Birmingham	Spitalfields	O2	Knightsbridge	Glasgow	Newcastle	Westfield Stratford City	Knightsbridge
7	Leicester	Birmingham	City	Camden	O2	Leeds	Spitalfields	Islington
8	Newcastle	Leeds	Westfield London Shopping City	Newcastle	Leeds	Nottingham	Islington	Liverpool Street
9	Liverpool	Newcastle	Birmingham	Cardiff	Newcastle	Liverpool	Knightsbridge	Canary Wharf





Lots to do

- Lots of potential applications for this data
- I have not really touched on:
 - Activity by time of day, day of week, month
 - Creation of “Natural” regions based on connectivity
 - Similar to travel to work areas
 - Highlighting tourist areas
 - User profiling based on places visited
 - Gym then Work
 - Coffee then Shopping
 - Which user types present at a particular time of day?



Do You Have Any Questions?

We would be happy to help.

Tom Probert
Jon Flitton

Tom.probert@pb.com
Jon.flitton@pb.com