



School of
Information Systems

IS482 Visual Analytics for Business Intelligence Epilogue

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After eleven weeks ..

- To infuse students with the skills of **thinking, understanding and solving** business problems and issues using visual analytics.
- To embark students with the **visual analytics principles, methods, technologies, and best practices** for creating cutting edge interactive data analytics centric data visualisation.
- To provide a hands-on experiences on data visualisation toolkits, libraries and programming libraries using case scenario, lab exercises, assignments and project approaches.

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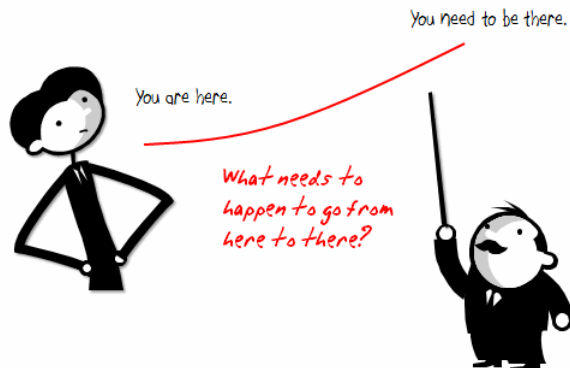
Have you change?

- Interested
- Curious
- Self-motivated
- Open-minded and flexible
- Skeptical
- Familiar with the Data
- Capable of spotting patterns
- Analytical
- Synthetical



Excellence in anything is the product of practice. That's especially true of quantitative reasoning, which doesn't come naturally to any of us.

The Visual Analytics Journey is LONG



Six steps to continue your journey into the visual analytics jungle

- Take other data analytics courses.
- Watch related methods, technical and best practices webinars.
- Read visual analytics classics to understand the fundamentals.
- Learning how to use other visual analytics tools.
- Check available data resources and find something there .
- Participate in visual analytics competitions.
- Interact with other visual analysts via social networks, groups, and meetings.

Future of Data Visualisation

The image shows a video player interface. On the left, there is a black box with the text 'Strata+ Hadoop WORLD' in white, with a red plus sign above the 'a' in 'Strata'. Below this, it says '#StrataHadoop' and 'strataconf.com'. The main part of the video player shows a title card with a blurred background of server racks. The title is 'Charting a Path Forward: The Future of Data Visualization' in white text. Below the title, it says 'Jeffrey Heer' and 'Trifacta | University of Washington'. At the bottom of the video player, there are standard controls: a play button, a progress bar showing '0:01 / 10:10', and icons for closed captions, a gear for settings, a full screen button, and a refresh button.

Building Visual Analytics: R approach



Shiny
by RStudio

A web application framework for R

Turn your analyses into interactive web applications

No HTML, CSS, or JavaScript knowledge required

The Big Picture – Analytics Second Major

ANLY482 Analytics Practicum

IS415
Geospatial
Analytics for
Business
Intelligence

IS417 Data
Warehousing
and Business
Analytics

IS424 Data
Mining and
Business
Analytics

IS428 Visual
Analytics
Business
Intelligence

ANLY104 Analytics Foundation

Shameless Advertisement

IS415 Geospatial Analytics for Business Intelligence

- To infuse spatial thinking and spatial reasoning skill in analysis and decision-making processes.
- To equip students with the basic skills on how to design and implement geospatial-based business analytics and intelligence solutions.

IS415 Geospatial Analytics for Business Intelligence

Motivations and Roles of Geospatial Analytics	In-class Hands-on Exercises and Quiz	Class participations/Wiki discussions	Assignments	Geospatial Analytics Project
Geospatial Information Science and Technology Foundations				
GeoVisual Analytics				
GIS Analysis and Modelling				
Geospatial Data Analysis Techniques				
Geospatial Data Mining and Knowledge Discovery				

IS415 Geospatial Analytics for Business Intelligence

The screenshot shows a Moodle course page in a web browser. The browser's address bar displays the URL: https://wiki.smu.edu.sg/15162/s415g1/Main_Page. The page title is "Main Page". Below the title, there is a banner image of a globe with the text "IS415 GeoSpatial Analytics for Business Intelligence". A navigation menu includes links for "About", "Weekly Session", "Assignments", "Geospatial Analytics Project", and "Course Resources". A "Welcome!" section contains a table with course details:

Faculty	Dr. Kam Tin Seong#, Associate Professor of Information Systems (Practical) k-semai@
Course	Geospatial Analytics for Business Intelligence
Course code	IS415
Term	Year 2015-2016, Term 2
Section	G1
Day/Time	Wednesday 8.15am-11.30am
Venue	NSR 3.1, SIS Building

Good Bye and Best Wishes

