### HDMA-SDSU GitHub Main Description

Through the use of GIS, social media analytics, and open source programs, the HDMA Center at SDSU focuses on understanding human dynamics and solving real world problems. We would like to create a collaborative online community and promote the development geo-targeted social media analytics and location-based applications for the GIS and Open Source communities. We need your help and your contribution! Let’s all work together to strengthen our skills and enable a brighter future through our collaborative efforts!

The HDMA center at SDSU focuses on human dynamics changes with GIS and social media analysis.

### HDMA-SocialMediaAPI Description

The HDMA Center at SDSU focuses on incorporating geo-targeted social media data and APIs with GIS analytics to access and query data. We welcome you to learn from this repository filled with technical documents, examples, and codes and encourage you to add to our efforts! Please email us at [hdmasdsu@gmail.com](mailto:hdmasdsu@gmail.com) if you like to contribute your codes, documents or skills into this Github.

### HDMA-DUI Description

If you receive a DUI (Driving Under the Influence) in California (CA), you must attend a DUI program. The CA Department of Human Services provides a PDF of DUI providers (<http://www.dhcs.ca.gov/individuals/Pages/ProviderDirectory-DUI.aspx>), but using this may be cumbersome. The HDMA Center collaborates with Prof. Sheldon Wong at SDSU and the CA Department of Human Service to create a Web application to visualize and map DUI providers in CA. Users can go directly to http://vision.sdsu.edu/dui/ to check and search for DUI providers.

The Web application is powered by jQuery, Bootstrap, Leaflet API, and Google Fusion Tables. Please visit the Web application at <http://vision.sdsu.edu/dui/>

### HDMA-Linguistic Description

Linguistic analysis and text data mining are important topics in the HDMA Center’s research. In this repository, we share linguistic algorithms and codes that you can use in your own research. We encourage you to add to our efforts! Please email us at [hdmasdsu@gmail.com](mailto:hdmasdsu@gmail.com)

### HDMA-IBSS Description

Currently, the HDMA Center at SDSU is working on an NSF funded project titled Spatiotemporal Modeling of Human Dynamics across Social Media and Social Networks. This project falls under Interdisciplinary Behavioral and Social Science Research (IBSS) and incorporates multiple disciplines within the research. To learn more, visit our project’s website at in <http://socialmedia.sdsu.edu/>

### HDMA-SDSU GIS\_iBook Description

You can use this repository to learn how to develop an iBook for iPads by using iBook Author and other free, online resources. For more information on the HDMA Center’s GIScience Textbook Project, visit our website at <http://mappingideas.sdsu.edu/ibook/>