Healthcare Data Visualization

An overview to the state of the art of interactive data visualization in healthcare. The course will cover data visualization principles, methods, and techniques. Students will understand the wide variety of data visualizations and know what visualizations are appropriate for various types of data and for different goals; learn how data visualizations use dynamic interaction methods to help users understand data; learn to apply an understanding of human perceptual and cognitive capabilities to the design of data visualizations; develop skills in critiquing different visualization techniques in the context of user goals and objectives; and understand how to design and implement data visualizations.

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Course Syllabus

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Rahul C. Basole is an Associate Professor in the School of Interactive Computing, the Director of the Tennenbaum Institute, and a faculty member in the GVU Center at Georgia Tech. He is also a Visiting Scholar in the H*STAR Institute at Stanford University and is a Fellow of the Batten Institute at the Darden School of Business. His research and teaching focuses on computational enterprise science, information visualization, and strategic decision support. Current research includes the design and development of novel visual analytic tools for understanding innovation, process, and strategy transformation. His research has received numerous best paper awards and he has extensively published in leading computer science, informatics, management, and engineering journals. Prof. Basole is the Editor-in-Chief of the Journal of Enterprise Transformation and an editorial board member of INFORMS Service Science.

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