

Project Proposal

INFX 598E: Advanced Information Visualization

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Integrating User Comments in Interactive Visualizations

The Problem / Focus

Our team will be focusing on building a novel approach to integrating user comments directly into interactive data visualizations. This is not so much a problem as it is a concept that is worthwhile to explore, to see if user experience can be improved for the users of interactive visualizations. By bringing up comments directly into or adjacent to the visualization space, users can more easily view dialogues that pertain to points of interest, and discover stories and insights they might normally miss.

Scope of Project

We'll figure out how to seamlessly integrate comments so they do not interfere with the interactive visualizations themselves. Some guerilla research might be involved (asking users if they prefer the visualization as a distinct layer from the comments, which could be another layer). A storyboard will be made to test out concepts and ideas and get some feedback from users. Finally, an interactive prototype will be built using standard web technology like HTML/CSS, JavaScript, and D3.js.