NYU **Spring 2021 | Special | New York University | Graduate**

Click for Class Detail of ITPG-GT 2338 - 001 (26829)

Instruction Mode: Online

The COVID-19 Impact Project: Extracting Stories From Data (Lecture)

Days and Times	Fr 12:00PM-3:00PM	**Dates**	02/12/2021 - 02/26/2021
Location	Online Loc: Online	**Instructor**	John Henry Thompson, Shindy Melanie Jones

Course Description	This course will use the open source COVID-19 Impact Dashboard as a base to explore ways to humanize the unfolding data on the pandemic. We will learn how data flows from public github repositories and what tools are needed to visualize the data. We will review other COVID-19 dashboards to analyze what questions they are trying to answer and to compare and contrast them with our COVID-19 Impact Dashboard. Using data visualization as a scaffold we will explore ways to support community-driven mourning and memorialization. Students can choose to participate as javascript coders, p5js explorers, UI/UX designers, citizen journalists, or data science explorers. We will meet three consecutive Fridays for 3 hours per day, February 12, 19, and 26. COVID-19-Impact Project Documentation
Course Structure	Students will participate in lectures, research, discussion groups, hands on design and build activities and group or individual projects. Students will be expected to dedicate at least 3 hours of work on weekly assignments in between sessions. **Week 1**: Lecture, discussion groups/breakout rooms. *Assignment 1: Select course project and work on the first iteration to present in class.* **Week 2**: Students present the first iteration of the course project for in-class discussion and feedback. *Assignment 2: Revise and build on course project based on feedback* **Week 3**: Students present the second iteration of the class project. All assignments must include documentation. *Students are invited to continue their participation in the project after the course ends. We will be seeking funding via grants to implement viable concepts.*
Course Content Outline	● Open Source Projects for the Public Good ● Data: Sourcing, Humanizing and Creating Visual Narratives from Data ● Storytelling ● Grief, Ritual and Memorialization
Grading	Students will be graded on ➢ Class participation (mandatory) ➢ Course project (2 iterations and documentation)
Tools for Collaboration	- Google drive: docs, sheets, slides - Github - Email - Discourse (optional) - Slack (optional) - Github issues - Students use for covid-19 impact dashboard feedback: https://github.com/EP-Visual-Design/COVID-19-Impact-Project/issues
Coding languages, libraries, and tools currently applied to the COVID-19 Dashboard:	**Code** ● html ● css ● javascript ● bash scripts **Libraries** ● React.js ● React Semantic UI ● Victory **Tools** ● Github ● Visual Studio Code ● nodejs ● Create React App ● Docusaurus 2