

Project Proposal Part 1 (Data Info)

1. The working title of your project

Our project name is **“MNWhere2School”**.

2. A summary of the dataset(s) you will use in this project and its metadata (URL, date downloaded, authorship, exact name and version, terms of use, suggested citation)

The State of Minnesota collected data during the 2020/2021 school year of which schools were (as policy) doing all-remote learning, all-hybrid learning, all-in person learning, or some mixture of the three depending on grade levels. This data extends to all public schools in the state of Minnesota, including public charter schools. We found the aggregated data from the COVID-19 School Data Hub. It's free to use for research purposes, with the following citation:

COVID-19 School Data Hub, School Learning Model Database

The full dataset can be found here:

https://www.covidschooldatahub.com/for_researchers

3. 2-4 interesting/meaningful ways that a user could interact with the data

1. For an individual school, see the history of its teaching modes for each grade level.
2. For an individual school district, see the schools contained in each district and district-level policies for teaching modes.
3. List Minnesota school districts and public charter schools as a reference for numbers 1 and 2.

Batmend Batsaikhan

Roo Case

Rowen Hinrichs

Artem Yushko

CS 257 Software Design

Professor Anya Vostinar

4. Feature implementation roles

- a. School and district classes, see district of a school, and intractable home page with navigation buttons - Artem
- b. CSV manipulation and importing the data, and general structure design - Roo
- c. CSS design, filter schools by districts, teaching modes per week, etc., search for schools - Batmend
- d. See schools in a district, documentation and polishing - Rowen