

# CPSC-349 COVID-19 Project Submission, due: 349-01 – 8 Dec, 349-02 – 11 Dec at start of class

Team Name: Covid Watch

Team Members: Adam Gemperline

Repository <https://github.com/gemperline/COVID-19-Data> .github.io

Verify each of the following items and place a checkmark in the correct column. Each item incorrectly marked will incur a 5% penalty on the grade for this assignment

Completed	Not Completed	COVID-19 website
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Created a COVID-19 website that shows the spread of the virus in regional, geographic information (*must* use a map)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Showed regional information by at least two of the following: by country, and/or by state, and/or by county, and/or by zip code
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has map showing current confirmed, active, recovered, and fatal cases by at least two of the following: by country, by state, by county, and/or by zip code
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has tables showing current confirmed, active, recovered, and fatal cases by region, including changes from the previous data
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has tables showing cumulative stats by region
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has graphs showing current confirmed, cumulative, and daily stats by region
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Has graphs showing projected <b>actual</b> statistics per region (e.g., 10x confirmed cases, or 1000x confirmed deaths). For example, if it reports 52,000 confirmed cases and 930 deaths, actual statistics are between 520,000 and 930,000 cases.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shows current state in a graph which updates as the user selects a region
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shows changes from the previous day in a graph
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shows graph of a history of changes by region in the past 14+ days
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Graphs or tables showing prediction/rate of change of various regions (e.g., doubling every 2 days, or halving every 4 days)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Predicts actual cases (not just confirmed – e.g., 10x confirmed to 1000x fatalities, e.g., 40,000 confirmed / 900 deaths -> 400k to 900k actual
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Provide updates of your statistics throughout the day (at least once//hour)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Uses Firebase for storing data for performance
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shows (on website) links to sources of data, and authors of site
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project directory pushed to new GitHub repository listed above

## Comments on your submission

Video uploaded to YouTube: <https://youtu.be/ZOJb0tLEygQ>

Fill out and print this page, and submit it on the day this project is due.