HACK ILLINOIS

The Crown Effect

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Problem Statement

The recent **coronavirus** epidemic creates **uncertainties** in the **global health community**, and it is **challenging** to **discover** and **communicate magnitude of the problem** to the **general public** and **public health professionals**.

Project Goals

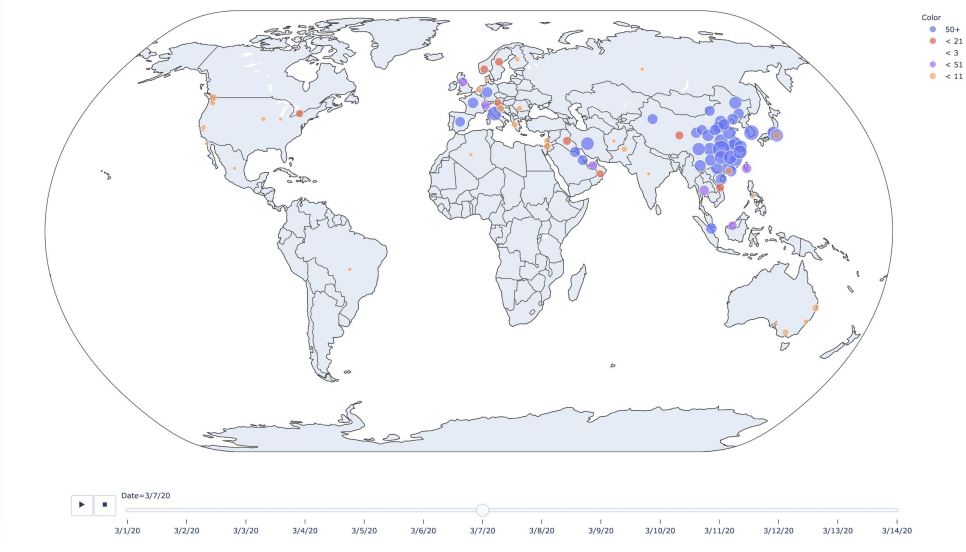
Create an interactive **user interface** and comprehensive **visualizations** to make information about coronavirus **easily digestible** for the general public

Predict potential **health risks** and **business risks** in the future and provide an additional **data point** for **data-driven decision making** among professionals

Provide policy makers and health professionals with **reliable** information regarding the **future** spread of coronavirus and help them take **proactive** measures

Our Solution

The Crown Effect is an Open Source project that's driven by Python. We utilized **Facebook's** Open Source **Prophet** library to **predict future** coronavirus cases worldwide based on current trends and present the data to users in a simple, **map-based graphical interface.**



https://crown-effect.herokuapp.com