Brainstorm

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| **Idea** | **Data Description** |
| Best conditions for reopening | * Metrics during time of various reopening levels * Which levels led to better reopening success |
| New cases per day | * Metrics highly correlated with # new cases |
| Mortality rate per day | * Metrics highly correlated with mortality |
| Most effective policies + forecast impact | * Covid policies * Metrics of interest * Covid severity before vs after |
| When each state will reopen | * State data (democrat, republican, job breakdown, anti-quarantine protests, demographics, population size) * Covid severity |
| Increase of covid19 in US overall when each state reopens | * State data * US data |
| # deaths per day |  |
| When a hospital will reach capacity |  |
| When schools will reopen |  |
| When people will go back to work | * By region, county, or sector |
| Impact on income inequality | * Profession breakdown * Length of time for unemployed * Wages, salaries * Demographics |
| Environmental impact | * pollution- cars, companies, factories, airplanes, garbage |
| Weather Impact | * This virus seems to die at higher temperatures * How does weather, humidity, temperature affect covid |
| Supply distribution | * How does medical supplies being supplied to different locations affect case count and death rate? * How does other supplies affect locations? * (Hard to collect data on) |