Cloudreach
CV-19 State Projection Platform
Our CV-19 State Projection Platform

A comprehensive data analytics and visualization platform showing current pandemic status and a variety of state specific projections modeling the effectiveness of executive orders and public response.

Examples of what our solution can provide include:

- Current and projected COVID-19 cases (contracted and morbidity) by state, county, zip
- Comparison of multiple popular projection models simultaneously
- Supply (Beds, ventilators, etc.) utilization and projections
- Waze API integration for correlation of vehicle traffic flow with COVID-19 cases (capturing sprawl speed, volume, and direction)
- Current and projected of inbound (via flights) cases based on origin sources
- Intelligent routing of emergency and supply vehicles based on supply at care facilities
Our CV-19 State Projection Platform

A comprehensive data analytics and visualization platform showing current pandemic status and a variety of state specific projections modeling the effectiveness of executive orders and public response.

Typical questions we can help answer include:

- Where are the current infections and what are the projection cases by county and zip?
- How does my model compare with popular projections models?
- What is my current supply situation (Beds, ventilators, etc.), what is the projection for additional capacity, and when will I exceed capacity?
- How do I manage vehicle traffic flow to track spread, minimize sprawl and accelerate emergency response?
- What are the current and projected inbound (via flights) cases based on origin sources?
- Intelligent routing of emergency and supply vehicles based on supply at care facilities
Examples from the State of Florida

- Heatmap of cases and growth rates
- In-region search queries over time
- Supply (Beds, Ventilators, etc.) tracker and alerts
- Custom high level “Critical” metrics
  Immediate push notification on change
How We Do It

- World class Cloudreach Data Scientists address your specific questions
- Ingest your data (healthcare, transportation, emergency response) and, if desired, combine and/or contrast it with public data for the broadest understanding
- Apply multiple simultaneous projection models, including your own
- Leverage Google Cloud’s global scale data platform ensure secure access to you, your team, and your constituents
- Your questions visualized quickly by way of Rapid Data Visualizations from Looker
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<tr>
<th>Other References of Our Work</th>
<th>New York City Cyber Command</th>
<th>Colorado Dept of Transportation</th>
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<td></td>
<td>The largest real-time Event Threat Detection data pipeline protecting all of NYC from cyberthreat</td>
<td>Transformational Smart Highway Implementation using existing highway infrastructure paired with machine learning</td>
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<td>FedRAMP High compliant cloud environment for applying data science to fight cancer</td>
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<td>United States Air Force</td>
<td>Modernization of every USAFB while increasing their security posture through Zero Trust and Event Threat Detection</td>
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About Cloudreach

- A leading global cloud services provider
- Expertise in cloud engineering, data analytics, cybersecurity
- Incorporated 2009
- Blackstone Owned since 2017
- 300+ cloud engineers
- 800+ cloud certifications across GCP, AWS, Azure
- Offices throughout Europe and North America
Let’s GO!

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