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| The Covid Conundrum | |
| **Team Members** | Jennifer Darby, Pankaj Tahiliani, Patricia Mobolade, Tobias Judd, Daniel Alaka |
| **GitHub Repository Link** | https://github.com/Pankaj-gh/Rice-Project-1-G11 |
| **Project Outline** | Investigating the Covid-19 database on geographical regions in the United States to check for any correlation between covid cases and its possible contributing factors |
| **Research Questions** | 1. What are geographic areas are most affected by Covid cases? (heatmap) 2. Plot possible correlations between covid cases and probability of wearing masks and draw statistical inferences based on the results 3. Plot possible correlations between covid cases and mobility patterns; also draw statistical inferences based on the results 4. Plot possible correlations between covid cases and median income; also draw statistical inferences based on the results |
| **Data Sets to be Used** | The New York Times and Dynata, Weather API, Google Maps API, Apple Mobility Data, Census Data |
| **Breakdown of Tasks** | 1. Pankaj 2. Pankaj 3. Patricia 4. Tobias 5. Jennifer   Presentation outline: Jennifer, individual completion of slide content  API individual data analysis and branch pushes in zoom/class sessions |