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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 the top 5 geographic areas that are highly 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 weather conditions; also draw statistical inferences based on the results 4. Plot possible correlations between covid cases and population density; also draw statistical inferences based on the results 5. 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, 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 |