**Project Title** Measles Outbreak in the U.S.

**Assigned Tasks**

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| **Team Member** | **Tasks and Responsibilities** |
| Jam Paydavousi | Project scope, data cleaning, data analysis (Reported Measles U.S.) |
| Rika Fukamachi | Project scope, data cleaning, data analysis (MMR Vaccination U.S.) |
| Chinedu Nwaka | Project scope, data cleaning, data analysis (Measles Outbreak Global) |
| Amanda Riley | Project Proposal, Visuals, Presentation, Summary |

**Project Description**

Numerous media outlets ranging in credibility have reported concern over the rise of Measles, previously thought contained by herd immunization with vaccinations of the United States population. This project seeks to first validate the reports by media, then investigate the cause of the increased cases, provide additional information regarding the effectiveness of immunization and factors surrounding the spread and prevention of measles. And finally, provide a recommendation based on the findings.

**Research Questions**

1. Has there been an increase in the measles cases within the US?
   1. <https://data.cdc.gov/NNDSS/NNDSS-TABLE-1V-Malaria-to-Measles-Imported/jf8m-mtc3>
   2. <https://www.kaggle.com/pitt/contagious-diseases#measles.csv>
2. What role does immunization play with regard to the first question?
   1. https://www.cdc.gov/vaccines/imz-managers/coverage/childvaxview/data-reports/mmr/trend/index.html
3. What other factors can explain the observation?
   1. <https://data.cdc.gov/NNDSS/NNDSS-TABLE-1V-Malaria-to-Measles-Imported/jf8m-mtc3>
   2. https://www.who.int/immunization/monitoring\_surveillance/burden/vpd/surveillance\_type/active/measles\_monthlydata/en/

**Conclusion**

Our recommendation based on our findings