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| Improvements | Status |
| Automation of data gathering from various sources. | A working Python package is available, ongoing alpha testing. |
| Addition of new weather, satellite, geospatial and socioeconomic data to enrich dataset | Data stack has been enriched with new datasets. Refer to Data Stack section. Subject for review through alpha testing of Python package. |
| Enhancing the predictive modeling by adding additional ML algorithms to improve model fitting performance applicable to Dengue Forecasting and Hotspot Detection | Machine Learning model available pending validation (applying to other locations, RRLs, threshold setting) and retrain with dengue cases ground truth data. |
| Incorporating the INFORM Epidemic Risk Framework with data gathered by AEDES teams to generate location-based risk maps, and advise policy interventions to mitigate the impacts of dengue | INFORM Risk model (clustering) per dimension available pending validation (applying to other locations, RRLs, threshold setting) and total risk index calculations. |