Notebooks:

* Explore\_Data\_Analysis.ipynb: Notebook for EDA
* Feature\_Engineer.ipynb: Notebook for feature engineer

Inputs: Data/RawData/ dengue\_features\_train.csv,

Data/RawData/dengue\_labels\_train.csv

Outputs: Data/ProcessedData/train\_features.csv,

Data/ProcessedData/train\_labels.csv,

Data/ProcessedData/validation\_features.csv,

Data/ProcessedData/validation \_labels.csv

* Baseline\_Model.ipynb: Notebook for baseline model

Inputs: Data/ProcessedData/train\_features.csv,

Data/ProcessedData/train\_labels.csv,

Data/ProcessedData/validation\_features.csv,

Data/ProcessedData/validation \_labels.csv

* XGBoost\_LightGBM.ipynb: Notebook for LightGBM & XGBoost

Inputs: Data/ProcessedData/train\_features.csv,

Data/ProcessedData/train\_labels.csv,

Data/ProcessedData/validation\_features.csv,

Data/ProcessedData/validation \_labels.csv

Outputs: Outputs/lgb\_params.pickle,

Outputs/xgb\_params.pickle

Folders:

* Data: contains raw data and processed data after feature engineering and selection
* Output: contains best parameters for LightGBM & XGBoost after tuning
* Documentation: paper work for the project