

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