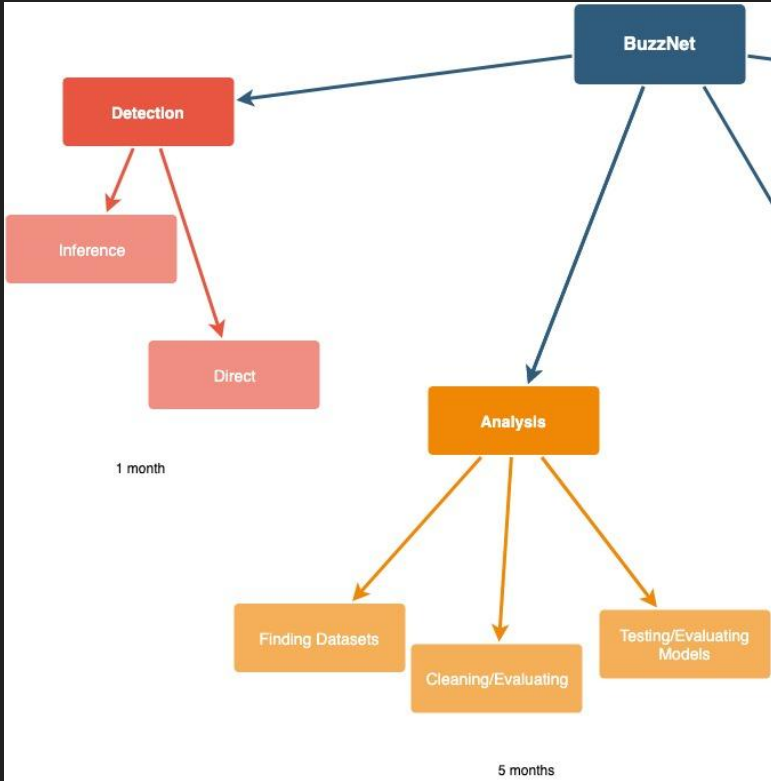


Week 2: Datasets





Finding Leads

- Geospatial Problem
- Creative Data Mining
- Dataset Exploration

- Channels
- Canals

Dataset 1: Google Street View

Rewrite code (3d)

Existing Dataset

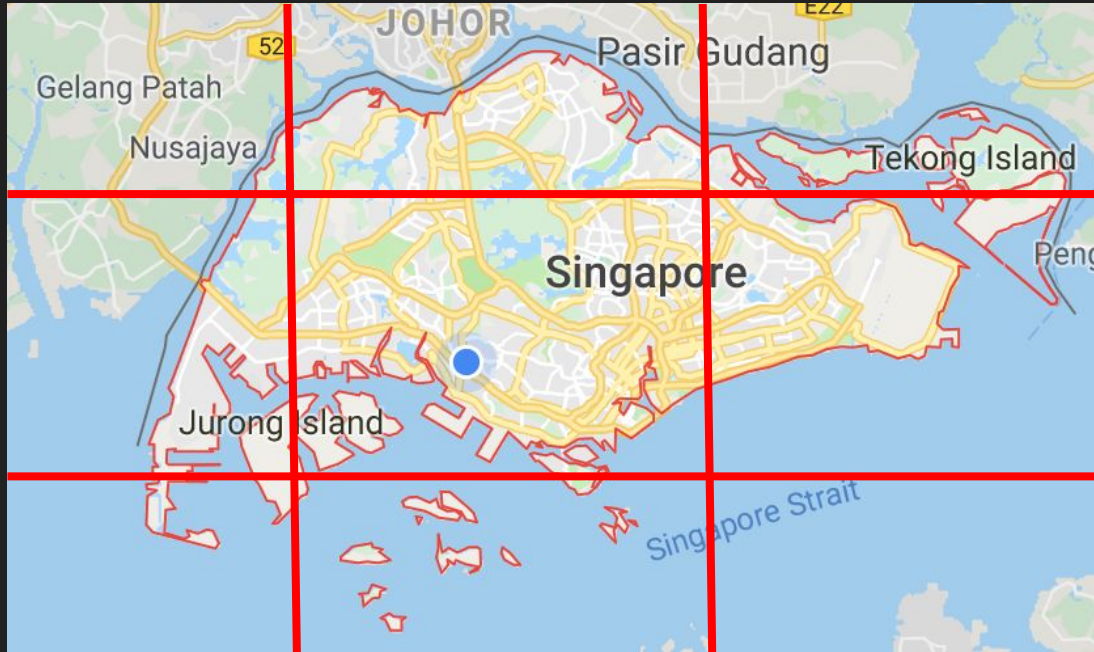
Low Accuracy

Expensive

Weather Conditions

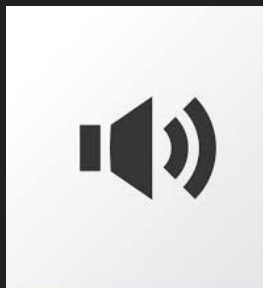


Dataset 1: Initial Ideas



1. Grid Coordinate
2. 30 Samples
3. Generate Scores

Dataset 2: WINGBEATS



Audio of Mosquitoes

Kaggle

Inverse Sound Strength

Few Uses

Additional Data Sources

<https://libguides.nus.edu.sg/gis>

- Areas with High Aedes Population (Gov)
- Rainfall Areas (Gov)
- Water consumption and resources
- Global Lakes (WWF)
- Water Data Portal
- NOAA

Next Steps

- Geographical Mapping
- Finish Dataset 1
- Focus on building/local methods
- Vision as the most promising lead