

Week 3

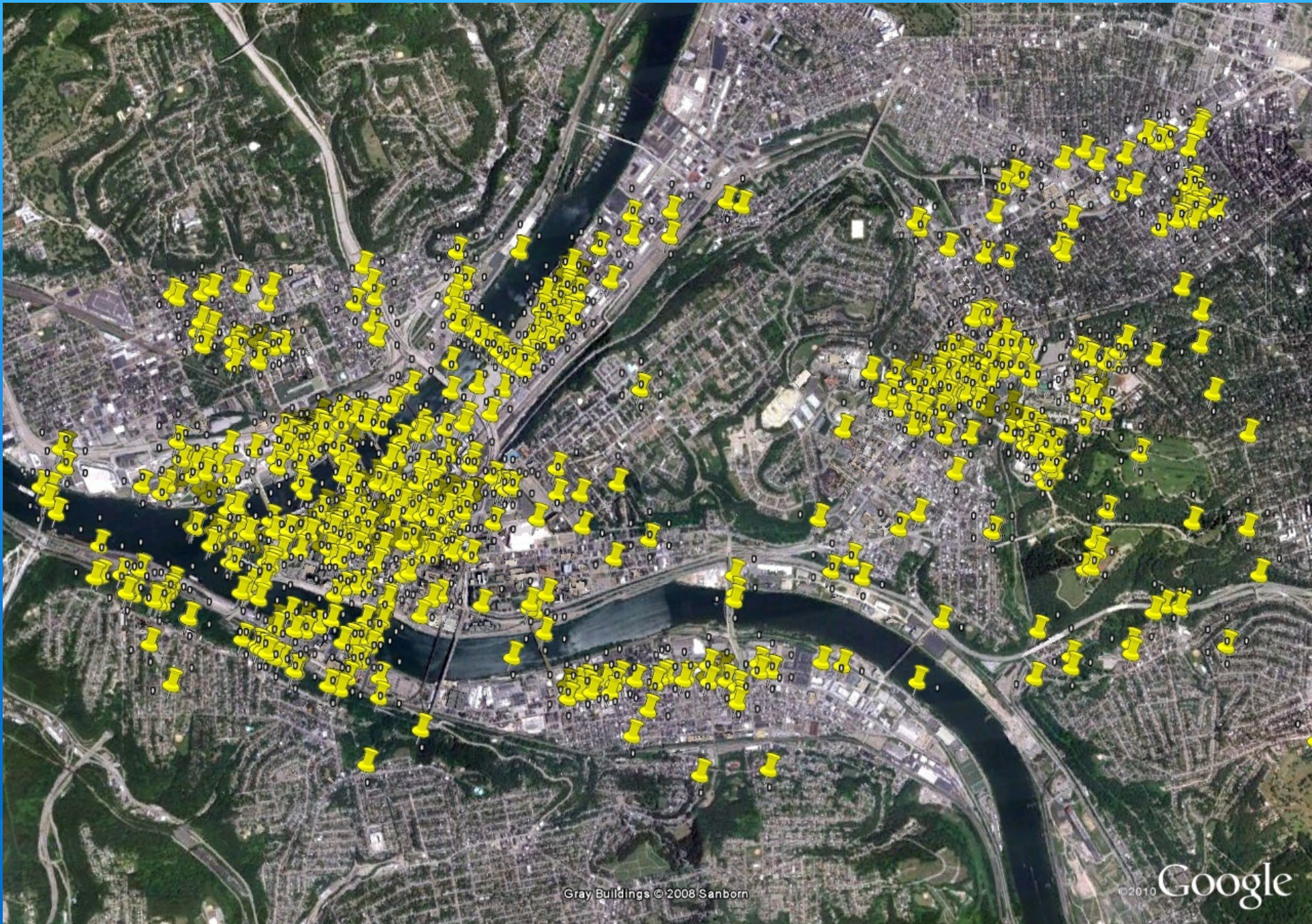
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Project Overview

- "Generating Reference Dataset using User-uploaded images," an extension of "Where am I?"
- Use modified code from "IM2GPS: estimating geographic information from a single image" to collect Flickr photos from a bounded area.
- Query other servers for images.

Flickr Dataset

- Downloaded ~3700 images from a rectangular area representing Pittsburgh.
- Many images are useless for our purposes (Flowers, People)
- Will most likely filter down to ~1800 images, due to incorrect tagging and other factors.



Gray Buildings © 2008 Sanborn

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Zoom in on Downtown area



Compare to Street View dataset

Panoramio Dataset

- Developing some method of downloading multiple images from given area.
- Initial idea was recursive crawling, but page attribute was a slider.
- Images can be loaded using Widget API with a specific latitude and longitude bounds. Will need to handle Javascript page elements.

What next?

- Design and implement crawler for Panoramio Widget API.
- Filter Flickr dataset and apply ECCV10 methods to entire dataset to build tree.
- Look at Picasa/other to find more images.