Week 5

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Purpose

● To replace the dataset from "Where am I?" with an unstructured dataset collected from online sources.
● Develop methods of improving these results intuitively.
Comparison of Dataset to Street View
Sample of Dataset
Sample results

Err=367.6m 04010

Query Number=82

Err=206.6m 03833

Query Number=70

Err=174.3m 00560

Query Number=103

Err=308.2m 02689

Query Number=114
Comparison to "Where am I"
"Blacklisting"

Sometimes, queries are the same as dataset images. We excluded the identical images from dataset to actually localize, instead of match similar images.
Problems

- Incorrect Geotagging leads to large error.
- Some images from dataset were in query set (not really a problem)
What's next?

- Check errors for image tags compared to actual images.
- Collect statistics from these results.
- Collect data from Moscow/Beijing and localize images using current methods.