



- Skin cancer is the most common of all human cancers
- Survival rates decrease exponentially with each year of non-detection
- Early detection is key

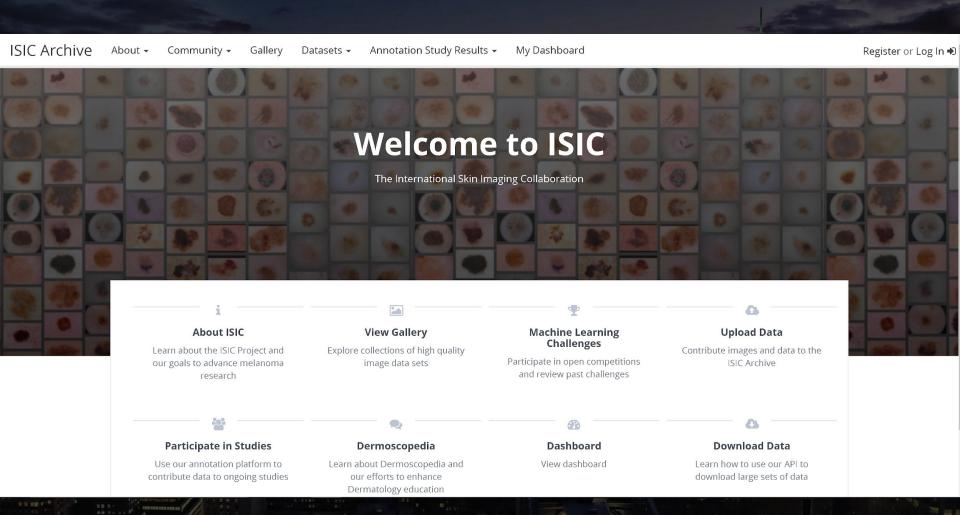


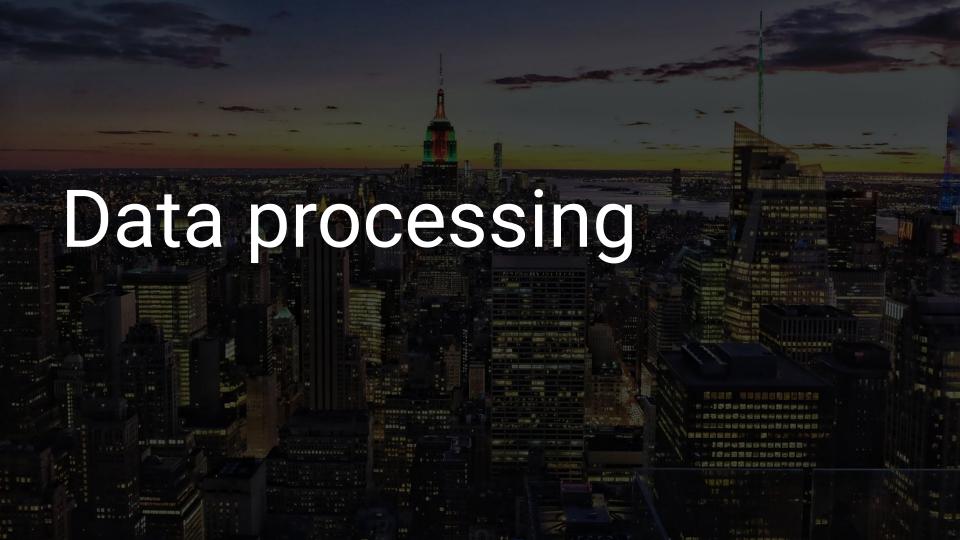
- Going to a dermatologist is an obstacle for many people, so our goal is to allow for self-diagnosis at home
- Ideally, we could create a model that is at least as accurate as a dermatologist in identifying melanoma

Obstacle

- Images from popular cancer datasets do not reflect real-world conditions
 - Often taken under microscope, perfect lighting, etc.
- We want to be able to use lower quality images to predict melanoma









Steps moving forward

- Build a model that can self-diagnose melanoma from phone images of skin
- Incorporate other factors (e.g. family history/gender/age) into the prediction

