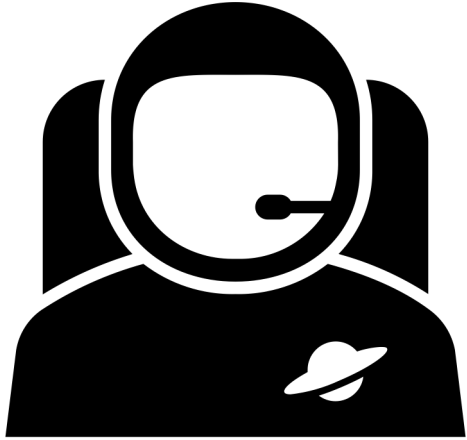


A bright sun shining through white clouds against a deep blue sky. The sun is positioned in the upper right quadrant, creating a strong lens flare effect. The clouds are scattered and vary in density, with some appearing as soft, white wisps and others as more defined, darker grey masses. The overall color palette is dominated by the deep blue of the sky and the bright white of the sun and clouds.

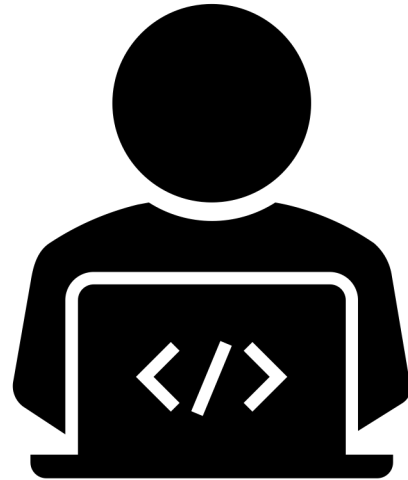
# Flood Measurement from a Photo

By

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# Agenda

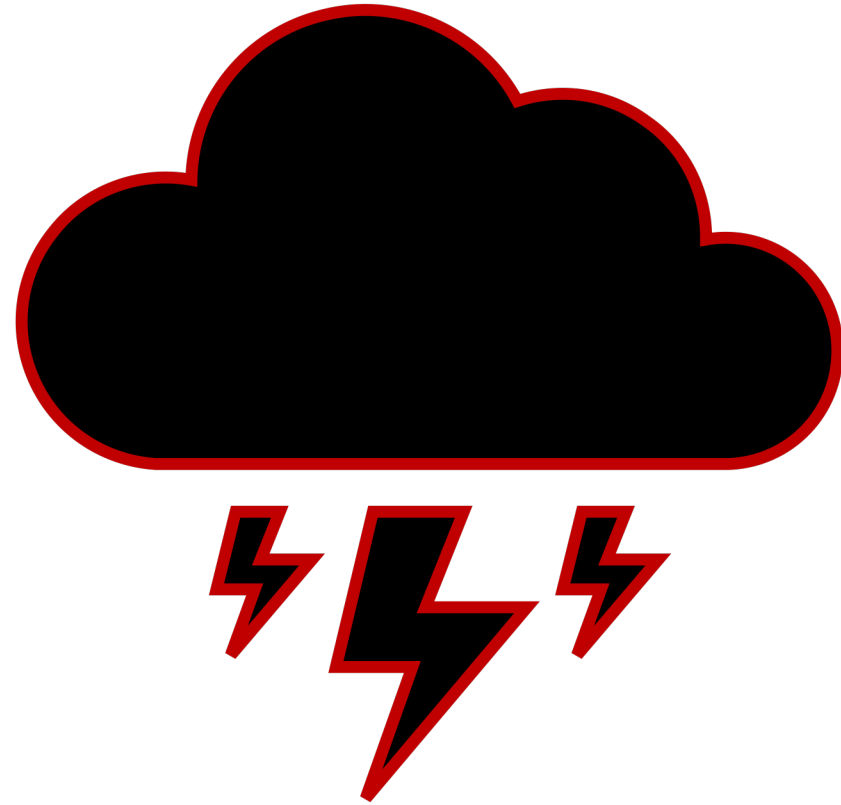
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- Problem Statement
- Research
- Solution
- Issues



Problem: Create  
a machine model  
that can detect  
flood depth from  
a photo.

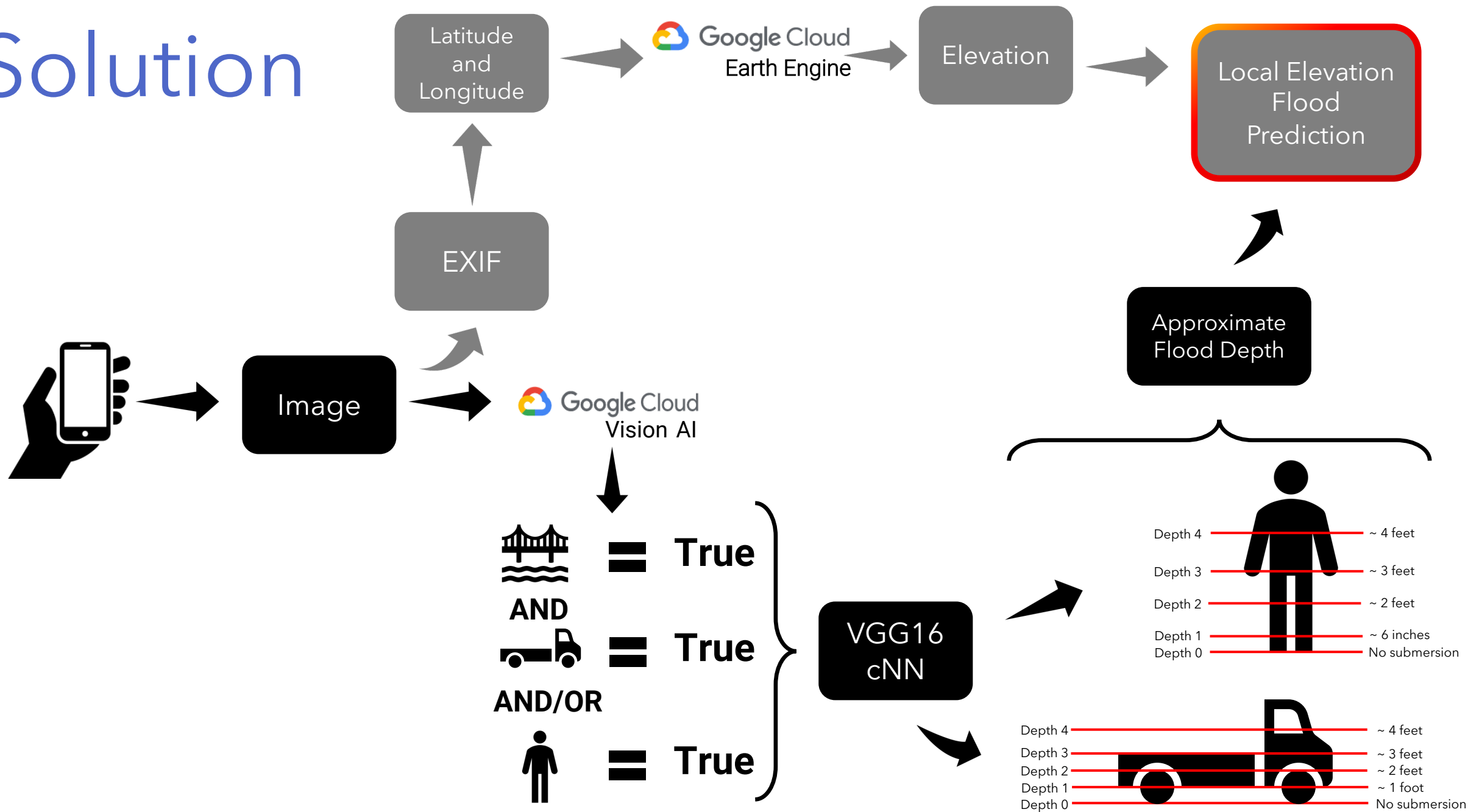
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# Research

# Solution





# Issues

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- need more photos
- may need to remove complex photos to avoid training issues
- shifting images augments the list, but filling with neighbor pixel creates striping
- we didn't realize that the ImageDataGenerator would do the crop, so we cropped externally (sorry, Josh!!) and some images have black bars. Unclear if the model is training on this instead of the photo content





# Questions

