HEALTH DETECTION ON CATTLE COMPRESSED IMAGES IN PRECISION LIVESTOCK FARMING

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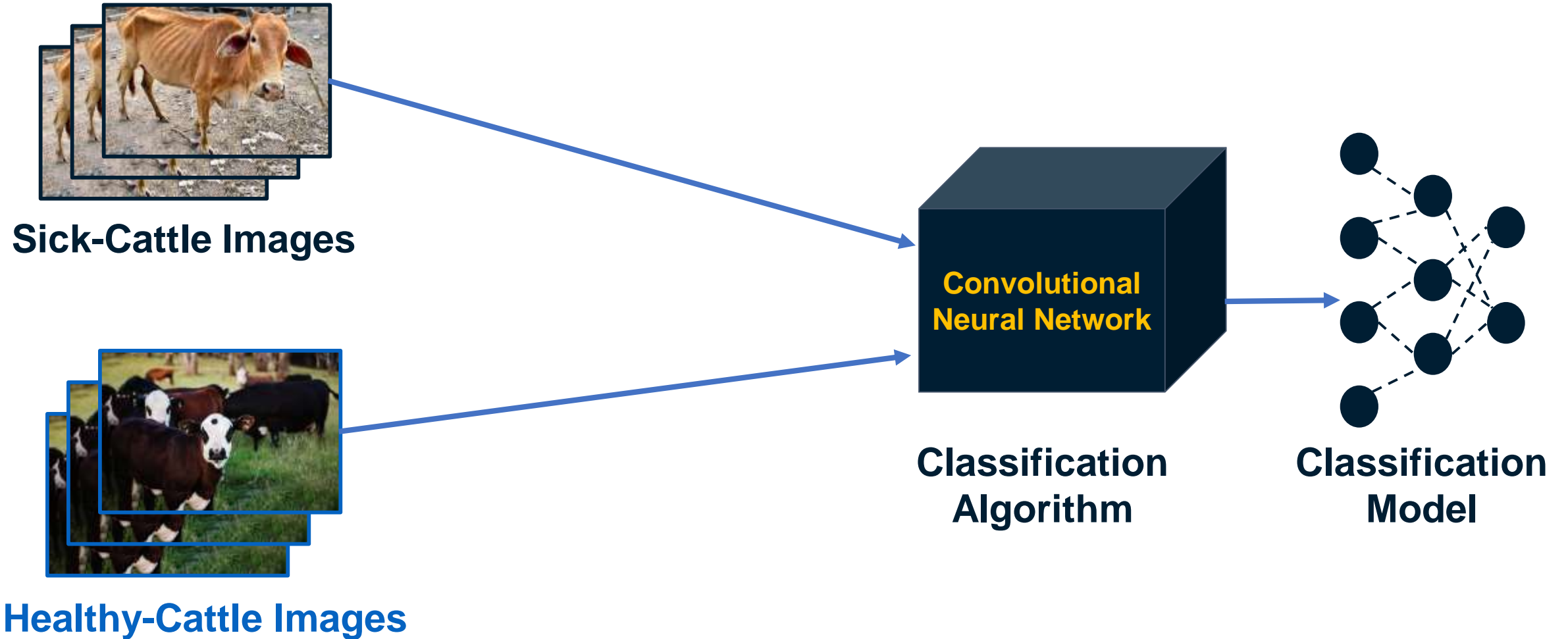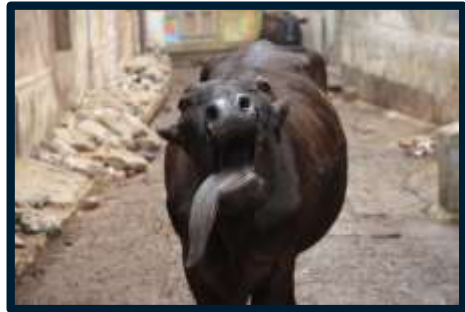Simón
Marín

Mauricio
Toro

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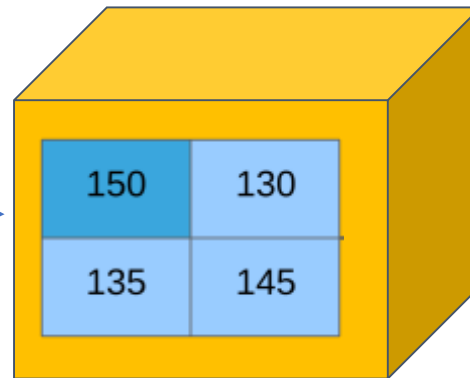EAFIT®

Sick-Cattle Images

Healthy-Cattle Images

Convolutional Neural Network

Classification Algorithm

Classification Model

https://github.com/Sebastian-Tapias/ST0245-001/tree/master/proyecto

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Cattle Image

Nearest- Neighbor Algorithm
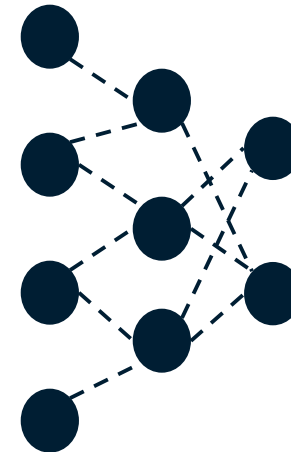
Classification Model

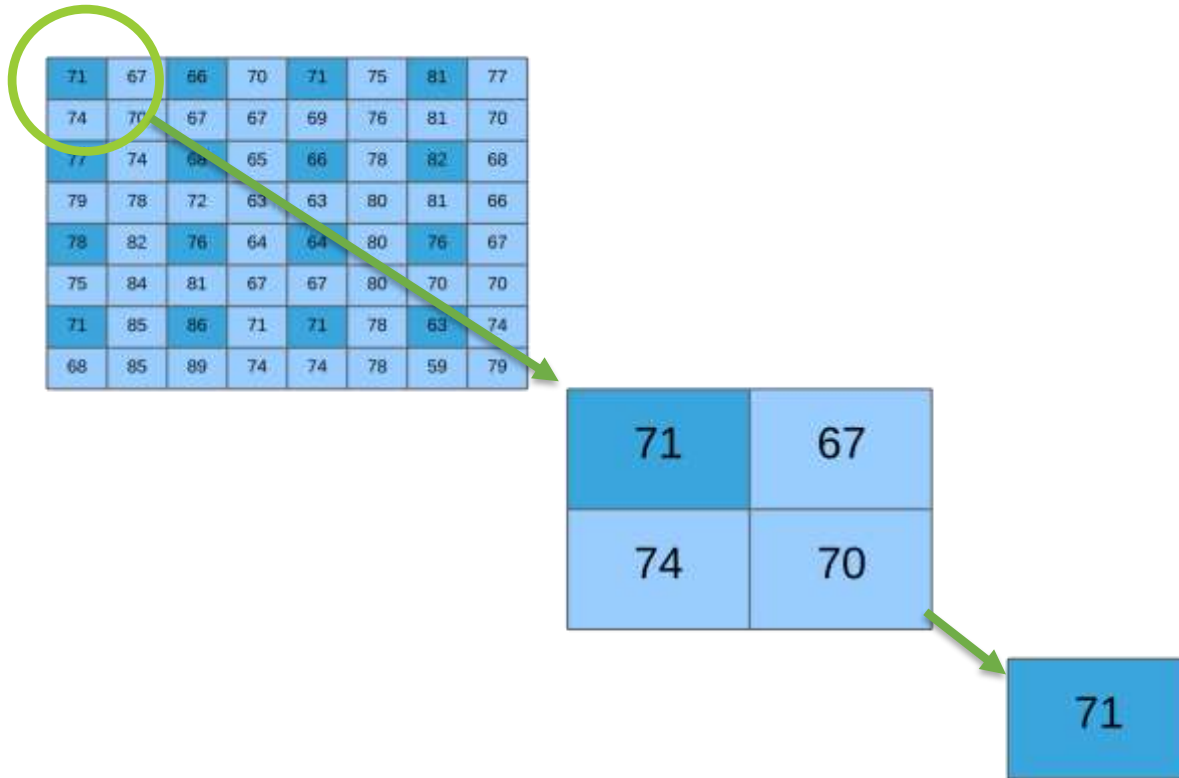**Output**

Is sick

150 130
135 145

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Image of pixel's selection with the nearest Neighbor method to compress images

https://github.com/Sebastian-Tapias/ST0245-001/tree/master/proyecto