

Team Presentation





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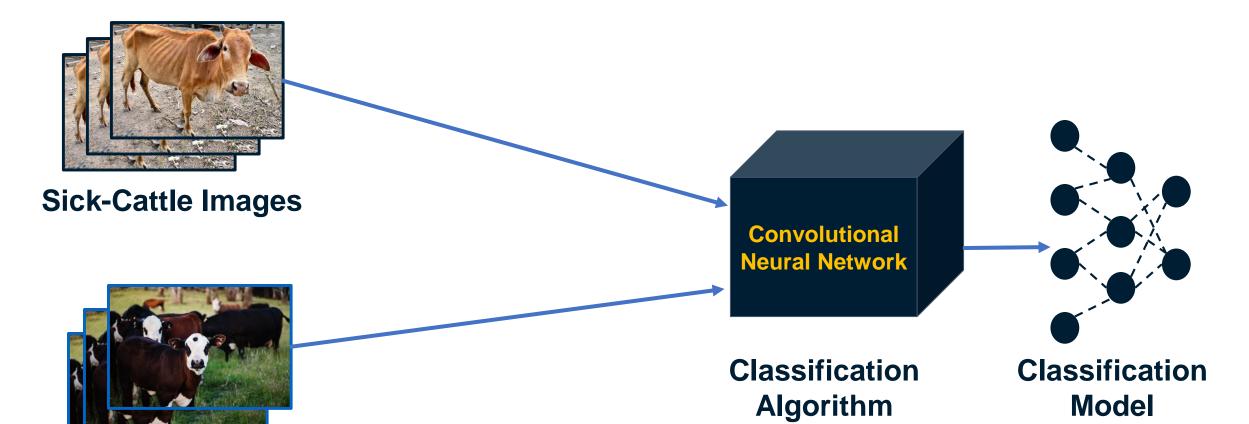
Mauricio Toro





Training Process



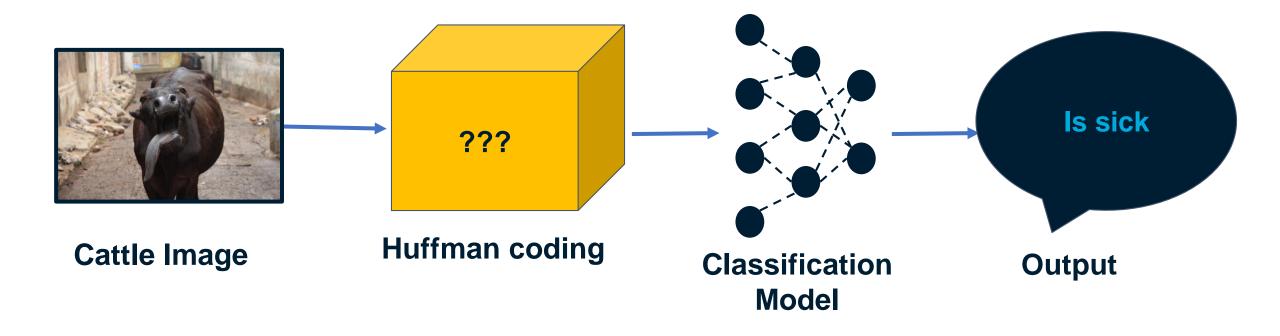


Healthy-Cattle Images



Testing Process

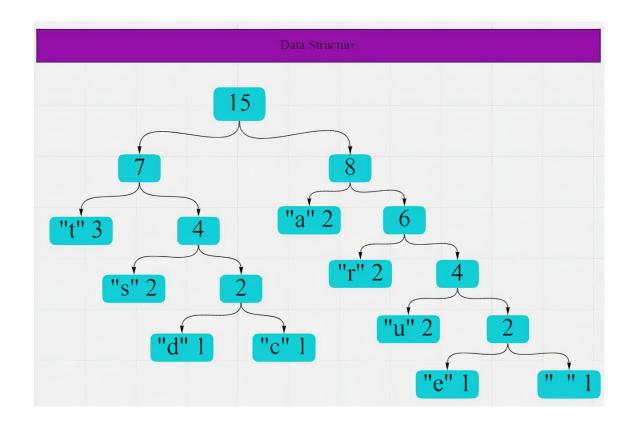






Compression Algorithm Design: Huffman Coding





The binary tree is a data structure which is composed of root, branch and leaf, in which each node can have one left and one right child.



Photo by Wolfgang Hasselmann on Unsplash



Compression Algorithm Design: Huffman Coding



Huffman Tree from the string "Data Structure"

Character	d	a	t	S	f
Frequency	1	2	3	2	2

Character	u	С	e	=	Total
Frequency	2	1	1	1	15

Huffman coding is implemented by constructing a binary tree of nodes from a list of nodes, whose size depends on the number of symbols n. The nodes contain two fields, the symbol and the weight.



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Thanks!

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