| | 13-08-202 |
|---|---|
| Deep Learning | |
| Neural Networks: | Mohanvajonit Github) |
| Neural Networks: Bents! Traditional approach | mi/or warf mipor mipor mi/or abelo) Mi/or Rules |
| | |
| to 11 so of trucked and lite to delday | |
| Application Garden and Age esting | notion, facial amotion recognition, |
| lurage tagging to | playoperud taxorters. org. |
| Jraining phase - Jesting phase. | |
| Computer vision - applications. | realization; @ Serguen |
| Ompreter vision - applications. Object & Object & Oscaratic Segmentation, of husband | agmentation. |
| O Sanautic segmentary | |
| 7 & Tetson Nano developer lit | (W × D) > 1 for grayscale |
| -> Usual image representation HX example: | 18×18×1 -> 3 tol RGB color. |
| -> Need for Deep hearing: | |
| Kus ancete: | ntal brilding blaks of a newbal |
| sutwork. | he numous are organization |
| newsons: Newrons are the foundame network. Laugues (hiput / hidden (output): I | 1 classification has |
| form of layers in an ANN. | 1 output laught for brobation |
| What 10 = -70 | Dutput layer. |
| layer Hraductayer | vs |

26,001+1-W2 wa Bios 1 Activation function. for non-linear functions. 0 to 1 for max of (0, n) -1 to + 1 Symoid ReLU 1002 1 1+e-x f(x) = max (0, x) Leaky ReLU Leaky Relv: y=00 fa) = x {x>0 xx (xx0 Counter, f(w,x,+w,x,t...+w,x,n) where, x,x,...x, arether inputs to our NN. Wi, Wer. whare Net = $\sum_{i=1}^{n} w_i x_i$ => $\int \left(\sum_{i=1}^{n} v_i x_i\right) w_i w_{ij} w_{ij} dx$ weights of the winds vector.

> weights and biases :.

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