Image encoding and Compression: -

- the image is gray level (0-255) so we needed 8 bits to define the color of the pixel

- as the data bus is 16 bits we used the other 8 bits to know how many pixels are similar next to each other

- we begin calculating the pixels from top left row to top right row then calculate again second top left row to second top right row and so on

- the compression is done on the byte level

- the output file each row in it contains 16 bits 0’s and 1’s rows

CNN Json encoding: -

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