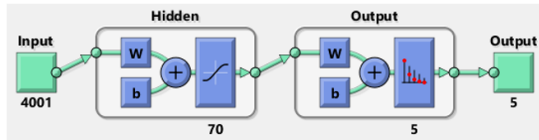


Neural Network



Confusion Matrix								
Output Class	1	2	3	4	5	6	7	8
	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	NaN% NaN%
	0 0.0%	20 2.7%	4 0.5%	1 0.1%	5 0.7%	1 0.1%	0 0.0%	3 0.4%
	0 0.0%	2 0.3%	141 19.0%	25 3.4%	8 1.1%	1 0.1%	0 0.0%	0 0.0%
	0 0.0%	19 2.6%	44 5.9%	302 40.7%	16 2.2%	6 0.8%	0 0.0%	3 0.4%
	0 0.0%	6 0.8%	2 0.3%	19 2.6%	99 13.3%	1 0.1%	0 0.0%	1 0.1%
	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 0.3%	2 0.3%	0 0.0%	0 0.0%
	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	NaN% NaN%
	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	9 1.2%
Target Class								
	NaN% NaN%	42.6% 57.4%	73.8% 26.2%	87.0% 13.0%	76.2% 23.8%	18.2% 81.8%	NaN% NaN%	56.3% 43.8%
								77.2% 22.8%

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Pros

- a. organized approach
- b. confusion matrix
- c. research

Cons

- a. even dataset distribution
- b. more learning algorithm(conv net)

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Pros

- a. Nice pictures
- b. Enough preparation
- c. Topics need to be improved

Cons

- a. Normalize
- b. More features