

Base on the first row:

	A	B	C	D	E	F	G	H	I	J
1	quizzes	active_class_participation	individual	attendance	class_stan	activities	major_exa	FINAL	GRADE	
2	0.75	1	1	0.99	0.9	0.93	0.91	0.96		
3	0.5	0.63	0.68	0.97	0.62	0.65	0.77	0.7		
4	0.5	0.67	0.93	0.78	0.66	0.89	0.41	0.57		
5	0.82	0.67	1	0.89	0.82	0.9	0.42	0.74		
6	0.83	0.99	0.74	0.99	0.87	0.84	0.56	0.75		
7	0.5	0.96	0.79	0.97	0.74	0.85	0.62	0.78		
8	0.56	1	1	0.98	0.82	0.99	0.97	0.9		
9	0.83	0.79	0.54	0.86	0.76	0.74	0.43	0.71		
10	0.93	0.63	0	0.5	0.61	0	0.59	0.44		
11	0.5	1	1	0.98	0.8	1	0.73	0.86		
12	0.51	0.93	1	0.97	0.78	0.99	0.64	0.9		

100 epochs - 0.8735853329478164

500 epochs - 0.8988735110963797

1000 epochs - 0.9040214726275044

2000 epochs - 0.9057082239941944

5000 epochs - 0.9065213685774043 (I choose 5000 epochs)

10000 epochs - 0.9041664532848191

6000 epochs - 0.9016330608904617

A	B	C	D	E	F	G	H	I	J	K	L
0.5	0.93	0	0.88	0.57	0.99	0.54	0.51				
0.5	0.97	1	0.97	0.79	0.87	0.62	0.8				
0.83	0.87	0.71	0.98	0.83	0.92	0.76	0.9				
0.5	1	1	1	0.8	0.99	0.68	0.86				
0.5	1	1	0.97	0.8	1	0.63	0.9				

BackPropagation

PREDICTING COMPUTER SCIENCE STUDENT PERFORMANCE IN PROGRAMMING COURSES AT BOHOL ISLAND STATE UNIVERSITY-BILAR CAMPUS USING BACKPROPAGATION

Create Model Fit

Quizzes Attendance Major Exams

0.5 1 0.68

Active Class Participation Class Standing

1 0.8

Individual Oral Report Activities and Outcomes Based Projects

1 0.99

Predict

Prediction

0.86742848223978