epoch	training accuracy	training loss	training error	validation accuracy	validation loss	validation error	learning rate	time	test accuracy	test loss
1	0.3402	1.75		0.4601	1.539	1.4059	0.001	340		
2	0.4259	1.5453	1.3828	0.4715	1.5116	1.3971	0.001	647		
3				0.4823			0.001	954		
4				0.4962				1262		
5			1.217	0.5145				1568		
6	0.5288	1.3447	1.1642	0.529	1.3707	1.3152	0.001	1874		
7			1.1075	0.5501				2184		
8			1.1456	0.5676				2508		
S		1.1091	1.0833	0.5943			0.001	2821		
10	0.5682	1.1627	1.1192	0.6148			0.001	3251	0.6129	1.1246
11	0.5936	1.209	1.1259	0.6317	1.0707	1.0504	0.0003487	3559		
12	0.5984	1.1021	1.0543	0.6472	1.0377	1.0073	0.0003487	3902		
13		1.0331	1.0111	0.6559	1.0069	0.9766	0.0003487	4229		
14	0.6016	0.9819	0.9972	0.664	0.9818	0.948	0.0003487	4539		
15	0.5992	1.1894	1.1353	0.6743	0.9593	0.9268	0.0003487	4855		
16	0.604	1.0674	1.0314	0.6793	0.9425	0.9117	0.0003487	5178		
17	0.6035	1.036	1.0108	0.6836	0.9297	0.8991	0.0003487	5498		
18	0.6085	1.2155	1.0762	0.687	0.9178	0.8883	0.0003487	5828		
19	0.6121	0.9974	0.961	0.6892	0.9132	0.8826	0.0003487	6151		
20	0.616	1.1525	1.0142	0.6914	0.9088	0.8746	0.0003487	6592	0.6828	3 0.9202
21	0.616	1.149	1.0335	0.6929	0.9038	0.869	0.0001216	6900		
22	0.622	1.1627	1.0524	0.6938	0.8977	0.8632	0.0001216	7208		
23	0.62	1.177	1.0896	0.6946	0.8932	0.857	0.0001216	7517		
24	0.6234	1.0058	1.0151	0.6976	0.8897	0.8529	0.0001216	7824		
25	0.6262	1.0822	1.0254	0.6974	0.8851	0.8496	0.0001216	8131		
26	0.6222	1.1486	1.0868	0.6984	0.8799	0.8457	0.0001216	8453		
27	0.6232	1.0241	0.9623	0.7015	0.8769	0.8429	0.0001216	8771		
28	0.6276	1.0764	1.0188	0.7014	0.876	0.8408	0.0001216	9093		
29	0.6278	1.0464	1.0319	0.7013	0.8732	0.8375	0.0001216	9414		
30	0.6289	0.9533	0.9898	0.7019	0.8733	0.8367	0.0001216	9855	0.6957	7 0.8802
31	0.626	1.1103	0.9665	0.7016	0.8726	0.8355	0.0000424	10173		
32	0.6325	0.9977	0.9647	0.702	0.8718	0.8351	0.0000424	10487		
33	0.6262	1.1303	1.07	0.7016	0.87	0.8339	0.0000424	10806		

34	0.6273	0.8659	0.892	0.7023	0.8697	0.8334	0.0000424 11124		
35	0.632	1.0457	0.994	0.7018	0.8693	0.8321	0.0000424 11440		
36	0.6255	1.164	1.0271	0.7033	0.8681	0.8309	0.0000424 11747		
37	0.6275	1.0544	0.9787	0.7026	0.8663	0.8299	0.0000424 12058		
38	0.6326	0.9311	0.9612	0.7038	0.8658	0.8298	0.0000424 12375		
39	0.6292	1.1546	1.0484	0.7044	0.864	0.8288	0.0000424 12684		
40	0.6306	1.0473	0.9661	0.7047	0.8626	0.828	0.0000424 13124	0.701	0.8692

test error

1.1104

0.8844

0.8447

0.8364