

Optimierung Random-Search: Erste Eingabesequenz / CNN-Modell

Iteration	Modell	RMSE	MAE	MAPE	Hyperparameter
38	CNN1	8223	5921	0,1	{'epochs': 60, 'batch_size': 128, 'filters': 16, 'kernel_size': 5, 'pool_size': 1, 'loss': 'huber'}
25	CNN1	8298	5935	0,11	{'epochs': 70, 'batch_size': 32, 'filters': 8, 'kernel_size': 3, 'pool_size': 1, 'loss': 'mse'}
41	CNN1	8250	5975	0,11	{'epochs': 70, 'batch_size': 64, 'filters': 32, 'kernel_size': 2, 'pool_size': 1, 'loss': 'mse'}
18	CNN1	8223	5996	0,11	{'epochs': 60, 'batch_size': 128, 'filters': 32, 'kernel_size': 5, 'pool_size': 1, 'loss': 'huber'}
5	CNN1	9142	6809	0,13	{'epochs': 60, 'batch_size': 32, 'filters': 16, 'kernel_size': 5, 'pool_size': 1, 'loss': 'huber'}
10	CNN1	9396	7076	0,14	{'epochs': 50, 'batch_size': 64, 'filters': 16, 'kernel_size': 3, 'pool_size': 1, 'loss': 'mse'}
0	CNN1	9468	7083	0,13	{'epochs': 100, 'batch_size': 32, 'filters': 16, 'kernel_size': 5, 'pool_size': 1, 'loss': 'huber'}
20	CNN1	9431	7166	0,14	{'epochs': 90, 'batch_size': 64, 'filters': 8, 'kernel_size': 3, 'pool_size': 2, 'loss': 'huber'}
11	CNN1	9357	7175	0,14	{'epochs': 80, 'batch_size': 64, 'filters': 8, 'kernel_size': 5, 'pool_size': 2, 'loss': 'huber'}
19	CNN1	9477	7183	0,14	{'epochs': 100, 'batch_size': 32, 'filters': 8, 'kernel_size': 4, 'pool_size': 1, 'loss': 'huber'}
35	CNN1	9291	7237	0,15	{'epochs': 100, 'batch_size': 128, 'filters': 32, 'kernel_size': 2, 'pool_size': 2, 'loss': 'huber'}
44	CNN1	9300	7327	0,15	{'epochs': 50, 'batch_size': 64, 'filters': 32, 'kernel_size': 4, 'pool_size': 3, 'loss': 'mae'}
42	CNN1	9485	7416	0,15	{'epochs': 90, 'batch_size': 64, 'filters': 32, 'kernel_size': 1, 'pool_size': 2, 'loss': 'huber'}
32	CNN1	9757	7705	0,16	{'epochs': 90, 'batch_size': 32, 'filters': 4, 'kernel_size': 1, 'pool_size': 2, 'loss': 'mse'}
27	CNN1	9763	7634	0,15	{'epochs': 80, 'batch_size': 128, 'filters': 16, 'kernel_size': 3, 'pool_size': 2, 'loss': 'huber'}
43	CNN1	9772	7693	0,16	{'epochs': 80, 'batch_size': 32, 'filters': 16, 'kernel_size': 4, 'pool_size': 4, 'loss': 'mse'}
16	CNN1	10115	7974	0,16	{'epochs': 90, 'batch_size': 32, 'filters': 16, 'kernel_size': 3, 'pool_size': 5, 'loss': 'mae'}
9	CNN1	10264	8366	0,17	{'epochs': 90, 'batch_size': 128, 'filters': 32, 'kernel_size': 5, 'pool_size': 5, 'loss': 'huber'}
7	CNN1	10310	8175	0,17	{'epochs': 90, 'batch_size': 128, 'filters': 16, 'kernel_size': 4, 'pool_size': 5, 'loss': 'mae'}
14	CNN1	10561	8419	0,18	{'epochs': 100, 'batch_size': 32, 'filters': 4, 'kernel_size': 4, 'pool_size': 3, 'loss': 'huber'}
8	CNN1	10766	8522	0,18	{'epochs': 60, 'batch_size': 64, 'filters': 8, 'kernel_size': 5, 'pool_size': 4, 'loss': 'mae'}
40	CNN1	10788	8819	0,19	{'epochs': 70, 'batch_size': 128, 'filters': 8, 'kernel_size': 4, 'pool_size': 3, 'loss': 'mse'}
36	CNN1	11146	8768	0,16	{'epochs': 90, 'batch_size': 32, 'filters': 16, 'kernel_size': 4, 'pool_size': 5, 'loss': 'mse'}
15	CNN1	11310	8706	0,15	{'epochs': 100, 'batch_size': 64, 'filters': 32, 'kernel_size': 1, 'pool_size': 3, 'loss': 'mae'}
46	CNN1	11349	8679	0,16	{'epochs': 80, 'batch_size': 128, 'filters': 8, 'kernel_size': 3, 'pool_size': 3, 'loss': 'huber'}
3	CNN1	11354	8760	0,15	{'epochs': 50, 'batch_size': 128, 'filters': 32, 'kernel_size': 3, 'pool_size': 4, 'loss': 'mae'}
21	CNN1	11643	9570	0,19	{'epochs': 70, 'batch_size': 32, 'filters': 8, 'kernel_size': 3, 'pool_size': 5, 'loss': 'mse'}
47	CNN1	11877	9330	0,17	{'epochs': 100, 'batch_size': 64, 'filters': 8, 'kernel_size': 5, 'pool_size': 5, 'loss': 'mse'}
24	CNN1	11912	9531	0,18	{'epochs': 100, 'batch_size': 128, 'filters': 8, 'kernel_size': 3, 'pool_size': 3, 'loss': 'huber'}
28	CNN1	12026	9906	0,19	{'epochs': 90, 'batch_size': 128, 'filters': 16, 'kernel_size': 3, 'pool_size': 5, 'loss': 'huber'}
49	CNN1	12449	10434	0,22	{'epochs': 100, 'batch_size': 128, 'filters': 8, 'kernel_size': 2, 'pool_size': 4, 'loss': 'huber'}
34	CNN1	12480	9852	0,18	{'epochs': 70, 'batch_size': 64, 'filters': 8, 'kernel_size': 2, 'pool_size': 4, 'loss': 'mse'}
37	CNN1	12749	10544	0,21	{'epochs': 90, 'batch_size': 128, 'filters': 4, 'kernel_size': 5, 'pool_size': 5, 'loss': 'mae'}
12	CNN1	12811	10658	0,23	{'epochs': 70, 'batch_size': 32, 'filters': 4, 'kernel_size': 2, 'pool_size': 5, 'loss': 'mse'}
23	CNN1	12916	10819	0,23	{'epochs': 100, 'batch_size': 64, 'filters': 32, 'kernel_size': 4, 'pool_size': 6, 'loss': 'mae'}
30	CNN1	13140	10956	0,24	{'epochs': 90, 'batch_size': 64, 'filters': 16, 'kernel_size': 4, 'pool_size': 6, 'loss': 'huber'}
31	CNN1	13148	11085	0,23	{'epochs': 80, 'batch_size': 32, 'filters': 8, 'kernel_size': 4, 'pool_size': 6, 'loss': 'mae'}
33	CNN1	13244	11168	0,24	{'epochs': 70, 'batch_size': 64, 'filters': 16, 'kernel_size': 1, 'pool_size': 5, 'loss': 'huber'}
17	CNN1	13279	11111	0,24	{'epochs': 80, 'batch_size': 64, 'filters': 4, 'kernel_size': 1, 'pool_size': 5, 'loss': 'mae'}
13	CNN1	13289	11148	0,24	{'epochs': 50, 'batch_size': 64, 'filters': 8, 'kernel_size': 1, 'pool_size': 5, 'loss': 'mse'}
2	CNN1	13359	11377	0,24	{'epochs': 100, 'batch_size': 128, 'filters': 4, 'kernel_size': 4, 'pool_size': 4, 'loss': 'huber'}
45	CNN1	13448	11307	0,24	{'epochs': 100, 'batch_size': 128, 'filters': 32, 'kernel_size': 2, 'pool_size': 6, 'loss': 'mse'}
39	CNN1	13466	11278	0,25	{'epochs': 100, 'batch_size': 128, 'filters': 16, 'kernel_size': 2, 'pool_size': 6, 'loss': 'mae'}
22	CNN1	13487	11332	0,25	{'epochs': 90, 'batch_size': 128, 'filters': 4, 'kernel_size': 2, 'pool_size': 5, 'loss': 'mse'}
4	CNN1	13537	11391	0,25	{'epochs': 80, 'batch_size': 32, 'filters': 4, 'kernel_size': 1, 'pool_size': 6, 'loss': 'huber'}
48	CNN1	13587	11421	0,25	{'epochs': 70, 'batch_size': 32, 'filters': 4, 'kernel_size': 5, 'pool_size': 6, 'loss': 'mae'}
26	CNN1	13638	11522	0,24	{'epochs': 50, 'batch_size': 32, 'filters': 4, 'kernel_size': 2, 'pool_size': 6, 'loss': 'huber'}
29	CNN1	13714	11582	0,25	{'epochs': 90, 'batch_size': 32, 'filters': 4, 'kernel_size': 3, 'pool_size': 6, 'loss': 'huber'}
6	CNN1	13723	11462	0,25	{'epochs': 50, 'batch_size': 128, 'filters': 32, 'kernel_size': 3, 'pool_size': 6, 'loss': 'mae'}
1	CNN1	13843	11629	0,25	{'epochs': 70, 'batch_size': 128, 'filters': 16, 'kernel_size': 4, 'pool_size': 6, 'loss': 'mae'}