Steel Alloy Properties Prediction

This application predicts material properties using the GMDH approach.

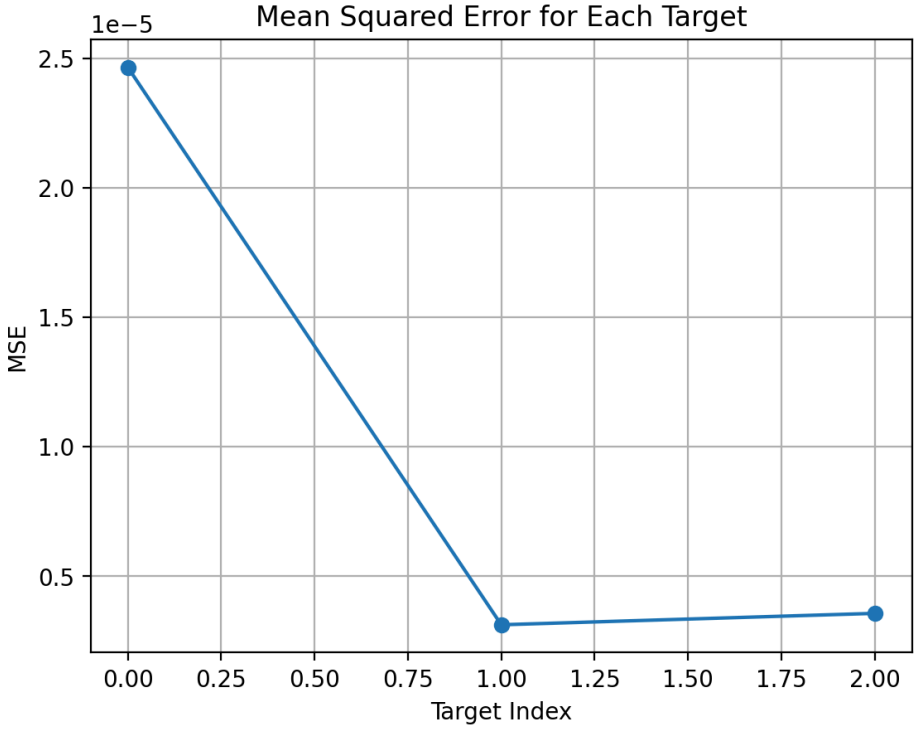
Load Data and Train Models

`st.cache` is deprecated. Please use one of Streamlit's new caching commands, `st.cache_data` or `st.cache_resource`.

More information in our docs.

	c	mn	si	cr	ni	mo	v	n	nb	co	w	al	ti
0	0.02	0.05	0.05	0.01	19.7	2.95	0.01	0	0.01	15	0	0.15	1.55
1	0.18	0.01	0.01	13.44	0.01	3.01	0.46	0.04	0.01	19.46	2.35	0.04	0
2	0	0.01	0.01	8.67	13.45	0.82	0.01	0	0.01	13.9	0	0.39	0.57
3	0.01	0.05	0.05	0.01	17.7	3.95	0.01	0	0.01	15	0	0.13	1.47
4	0.01	0.05	0.05	0.01	19.4	1.45	0.01	0	0.01	14.9	0	0.13	1.55
5	0.19	0.02	0.49	12.56	0.94	1.96	0.01	0	0.01	20.1	0	0.03	0
6	0	0.05	0.05	0.01	18.1	3.6	0.01	0	0.01	13	0	0.11	2.25
7	0.1	0.57	0.24	12.19	0.01	8.9	0.01	0.02	0.01	15.2	0	0.03	0
8	0.01	0.01	1.99	17.5	2.1	0.02	0.01	0	0.01	11.8	0	0.03	0.05
9	0.16	0.01	0.01	14.56	0.01	4.9	0.48	0.05	0.01	15.6	0	0.04	0

MSEs for each target: [2.46397767903223e-05, 3.121281254310028e-06, 3.561976679748538e-06]



Select a model to load:

Choose a target:

Target 0

Load Model and Make Predictions