

Data Analysis and Model Report

First Few Rows of the DataFrame:

1	1.0	0.0	0.01	0.02	0.03	0.04	0.139	0.01	1.33	0.149	0.663	0.52887630730137743601326284598852999999973099538135303
2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.143	0.01	1.17	0.108	0.663	0.545971105787535857087632472310840959992547958823529413
3.0	0.0	0.0	1.0	0.0	0.0	0.0	0.173	0.018	1.3	0.144	0.638	0.56132625643523550110930135568240573944993289909588235294
4.0	0.0	0.0	0.0	1.0	0.0	0.0	0.096	-0.002	1.39	0.144	0.613	0.423435132855694982502517560464650739078005882852941176
5.0	0.0	0.0	0.0	0.0	1.0	0.0	0.096	0.001	1.04	0.087	0.725	0.53266149855190332254621597234952505092270588235294117
6.0	0.0	0.0	0.0	0.0	0.0	1.0	0.07	-0.005	1.1	0.11	0.563	0.46304208823222906284637306252941176470588

Model Evaluation Metrics:

Metric	Value
Mean Squared Error	1.0743185240484377e-06
R-squared Score	0.9998999871635186

[illegible]