Training Set:

MSE linear: 0.2822549465769688

MSE non linear: 0.23555557885704545

Validation Set:

MSE linear: 0.9996633013239355 MSE non linear: 0.8641550167638993

Model \hat{y} = a1 + b1 * x is better

| x | ŷ = a1 + b1 * x | +-----+ | 1.4 | 1.7135437277404084 | | 2.5 | 2.6630391768895945 | | 3.6 | 3.6125346260387805 | | 4.5 | 4.389394538979023 | | 5.4 | 5.166254451919268 |