

# Overtraining

A specific phenomenon when [model](#) discrepancy on [Validation dataset](#) is not close to [model](#) discrepancy on [Training dataset](#) and means that a given [model](#) realization has "remembered" the [Training dataset](#) but can not accurately predict on the data points outside the [Training dataset](#).

## See also

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[Natural Science / System / Model](#)

[Formal science / Mathematics / Statistics](#)

[ [Source Dataset](#) ] [ [Training dataset](#) ] [ [Validation dataset](#) ]