

Errata on “Machine Learning in Business Finance Using Python”

p. 41, 3rd line from bottom – replace “lower” with “higher”

p. 79, 6th line from bottom – insert negative sign after “=”

p. 89, 2nd and 3rd line – change to small letters, $\hat{v}_j$ and $\hat{v}_j^T$

p. 115, 7th line from top – insert negative sign after “=”

p. 118, 2nd and 3rd line of Eq. (4.9) – replace “ $\dots \lambda_j Y_k Y_j Y_k X_j^T X_k \dots$ ” with “ $\dots \lambda_j \lambda_k Y_j Y_k X_j^T X_k \dots$ ”

and “ $\dots \sum_{j=1}^N \sum_{j=1}^N \lambda_j Y_j X_j^T X_j$ ” with “ $\dots \sum_{j=1}^N \sum_{k=1}^N \lambda_j \lambda_k Y_j Y_k X_j^T X_k$ ”

p. 122, last line – use instead $\frac{\partial L(\lambda, \mu)}{\partial \xi_j} = \alpha - \lambda_j - \mu_j = 0$

p. 141, first line – use “..., the Gini ...”

p. 154, 2nd para. 3rd line – replace “predicted probabilities” with “predicted values”

p. 179, 5th line – remove “ $|_{x_0}$ ” left of the “=”

p. 197, 2nd last line – remove “value” after “feature”

p. 200, 2nd para. 5th line – remove “ $\wedge$ ” in $f(x_j)$

p. 200, 11th line from bottom – replace “increase” with “decrease”

p. 201, 5th line from top – Change to “The sum of the rescaled SHAP values ...”

p. 243, 2nd line from top – replace “slight” with “slightly”

p. 244 figure – the circles and colors are missing. Circles are over red (representing high feature values) dots on positive side of Age, and red dots on negative sides of No. Prods, Active, Male, and CrScore.

p. 249, 8th line from top – replace “as” with “is”

p. 254, 6th line from bottom – replace “ $\left(Y_{t+R}, \hat{Y}_{t+R}\right)^2$ ” with “ $\left(Y_{t+R} - \hat{Y}_{t+R}\right)^2$ ”