mimax Page No. Gradient Boosting 1 Additive Modelling X Y = flx, 102, X3

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Sum of Smaller function called additive modelling

Fin = X & Sin(x) Stept- Gradient Boasting I put training Set & (xi, yi) 3. a Differentiable losse Function II, Fin), Number of aterration M. Stop! Initialize fo(x) = argmin [2] Stops Form m=1 to M a. For 121,2. - Nempute $Y_{in} = -\frac{\partial L(Y_i, f(n_i))}{\delta f(n_i)}$ $= \frac{\partial L(Y_i, f(n_i))}{\delta f(n_i)}$ b. Fit a regression tree to the tangets (Rim, J2 1,2...., Jm







