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1 Convex Sets, And Convex Functions Proof: Let Us Denote The Set Of All Convex Combinations Of Ppoints Of S by $C_p(S)$. Then The Set Of All Possible Convex Combinations Of Points Of S Is $C(S) := [1 P=1 C_p(S)$. If $X \in C(S)$ Then It Is A Convex Com Jul 1th, 2024
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Linear Regression $\min_{\mathbf{w}} \sum_{i=1}^N (\mathbf{w}^T \mathbf{X}_i - y_i)^2$

Logistic Regression $\min_{\mathbf{w}} \sum_{i=1}^N \ell(\mathbf{w}^T \mathbf{X}_i; y_i) + R(\mathbf{w})$ General Formulation The

Pairs $(a_i; b_i)$ Are Given Data, B_i Is The Label Of The Data Point A_i Jul 3th, 2024
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