Logistic Regression

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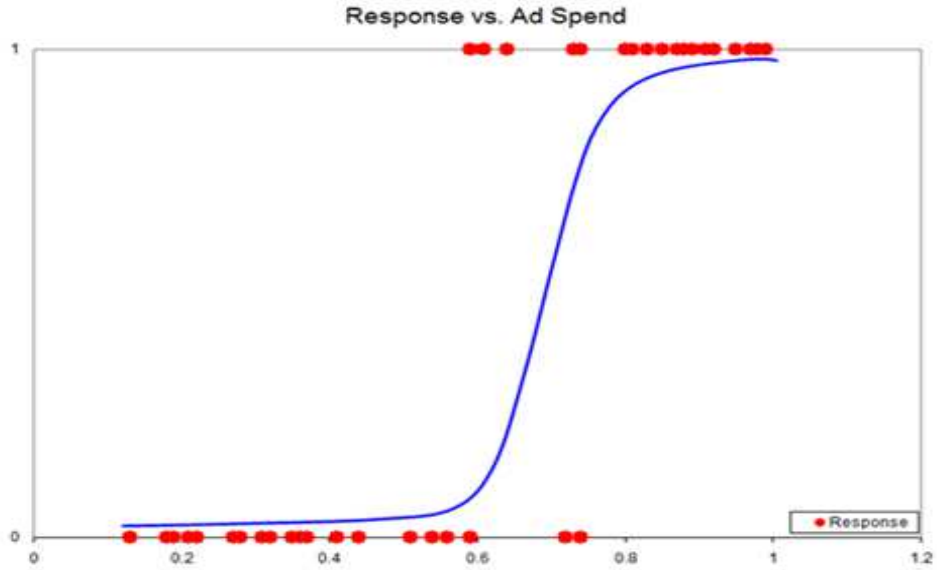
Logistic Regression



- Use “Logistic Function”
- Shape better suited to two-class problem

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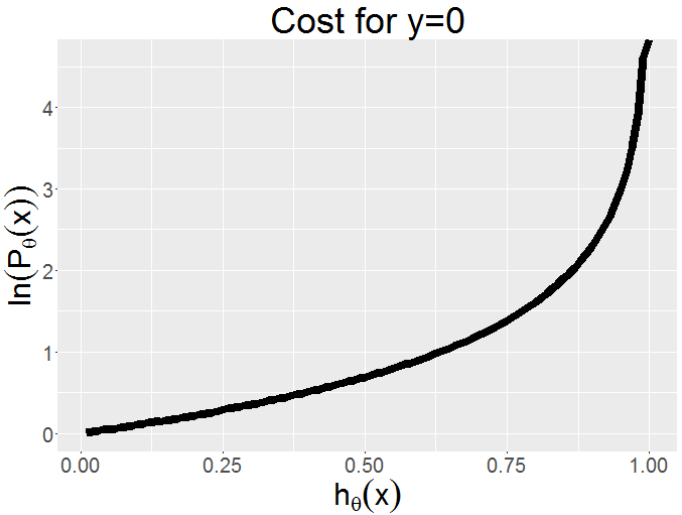
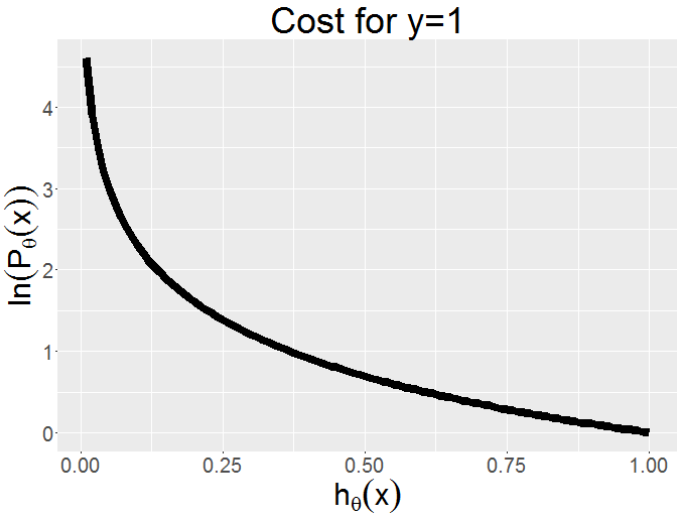
Cost Function: Log-Likelihood

$$J(\theta) = \frac{1}{m}\sum_{i=1}^{m} -\ln\left(P_\theta\left(y = y_i | x^{(i)}\right)\right)$$





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End of Slide Sample

3 of 16 slides in presentation

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