Loss Function	Activation function	Output
1. Hinge Loss $$L = \frac{1}{n} \sum_{i=1}^{n} \max(0, -y_i f(x_i))$$	Step function	Binary Classifier
2. Log Loss $$L = -y_i \log \hat{y_i} + (1-y_i) \log(1-\hat{y_i})$$	Sigmoid function	Binary Classifier (Logistic Regression)
3. Categorical Cross Entropy $$L = \sum_{i=1}^{n} y_i \log(\hat{y_i})$$	Softmax function	Multiclass Classifier
4. Mean Squared Error	Linear function	Regressor (Linear Regression)