

# Machine Learning: Classification

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**Completed by Piyush Khanna**

**December 10, 2019**

**7 weeks of study, 5-8 hours/week**

**Grade Achieved: 100.0%**

Piyush Khanna's account is verified. Coursera certifies their successful completion of Machine Learning: Classification.

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# Machine Learning: Regression






**Completed by Piyush Khanna**

**December 10, 2019**

**6 weeks of study, 5-8 hours/week**

**Grade Achieved: 100.0%**

Piyush Khanna's account is verified. Coursera certifies their successful completion of Machine Learning: Regression.

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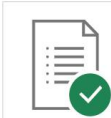
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You passed this course! Your grade is 100.00%.

Item	Status	Due	Weight	Grade
<div><div>✓</div><div>Simple Linear Regression</div><div>Quiz</div></div>	Passed	Nov 25 1:29 PM IST	3%	100%
<div><div>✓</div><div>Fitting a simple linear regression model on housin...</div><div>Quiz</div></div>	Passed	Nov 25 1:29 PM IST	7%	100%
<div><div>✓</div><div>Multiple Regression</div><div>Quiz</div></div>	Passed	Dec 2 1:29 PM IST	6%	100%
<div><div>✓</div><div>Exploring different multiple regression models for ...</div><div>Quiz</div></div>	Passed	Dec 2 1:29 PM IST	7%	100%
<div><div>✓</div><div>Implementing gradient descent for multiple regres...</div><div>Quiz</div></div>	Passed	Dec 2 1:29 PM IST	7%	100%
<div><div>✓</div><div>Assessing Performance</div><div>Quiz</div></div>	Passed	Dec 9 1:29 PM IST	6%	100%
<div><div>✓</div><div>Exploring the bias-variance tradeoff</div><div>Quiz</div></div>	Passed	Dec 9 1:29 PM IST	9%	100%
<div><div>✓</div><div>Ridge Regression</div><div>Quiz</div></div>	Passed	Dec 16 1:29 PM IST	6%	100%
<div><div>✓</div><div>Observing effects of L2 penalty in polynomial regr...</div><div>Quiz</div></div>	Passed	Dec 16 1:29 PM IST	7%	100%
<div><div>✓</div><div>Implementing ridge regression via gradient descent</div><div>Quiz</div></div>	Passed	Dec 16 1:29 PM IST	7%	100%
<div><div>✓</div><div>Feature Selection and Lasso</div><div>Quiz</div></div>	Passed	<div><div></div></div> Dec 23 1:29 PM IST	6%	100%
<div><div>✓</div><div>Using LASSO to select features</div><div>Quiz</div></div>	Passed	<div><div></div></div> Dec 23 1:29 PM IST	7%	100%
<div><div>✓</div><div>Implementing LASSO using coordinate descent</div><div>Quiz</div></div>	Passed	<div><div></div></div> Dec 23 1:29 PM IST	7%	100%
<div><div>✓</div><div>Nearest Neighbors &amp; Kernel Regression</div><div>Quiz</div></div>	Passed	Dec 30 1:29 PM IST	6%	100%
<div><div>✓</div><div>Predicting house prices using k-nearest neighbors ...</div><div>Quiz</div></div>	Passed	Dec 30 1:29 PM IST	9%	100%

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You passed this course! Your grade is 100.00%.

Item	Status	Due	Weight	Grade
<div><div></div><div>Linear Classifiers &amp; Logistic Regression Quiz</div></div>	Passed	Nov 25 1:29 PM IST	4%	100%
<div><div></div><div>Predicting sentiment from product reviews Quiz</div></div>	Passed	Nov 25 1:29 PM IST	6%	100%
<div><div></div><div>Learning Linear Classifiers Quiz</div></div>	Passed	Dec 2 1:29 PM IST	4%	100%
<div><div></div><div>Implementing logistic regression from scratch Quiz</div></div>	Passed	Dec 2 1:29 PM IST	7%	100%
<div><div></div><div>Overfitting &amp; Regularization in Logistic Regression Quiz</div></div>	Passed	Dec 2 1:29 PM IST	4%	100%
<div><div></div><div>Logistic Regression with L2 regularization Quiz</div></div>	Passed	Dec 2 1:29 PM IST	7%	100%

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<div><div></div><div>Decision Trees Quiz</div></div>	Passed	Dec 9 1:29 PM IST	4%	100%
<div><div></div><div>Identifying safe loans with decision trees Quiz</div></div>	Passed	Dec 9 1:29 PM IST	6%	100%
<div><div></div><div>Implementing binary decision trees Quiz</div></div>	Passed	Dec 9 1:29 PM IST	6%	100%
<div><div></div><div>Preventing Overfitting in Decision Trees Quiz</div></div>	Passed	Dec 16 1:29 PM IST	4%	100%
<div><div></div><div>Decision Trees in Practice Quiz</div></div>	Passed	Dec 16 1:29 PM IST	7%	100%
<div><div></div><div>Handling Missing Data Quiz</div></div>	Passed	Dec 16 1:29 PM IST	4%	100%
<div><div></div><div>Exploring Ensemble Methods Quiz</div></div>	Passed	Dec 23 1:29 PM IST	4%	100%
<div><div></div><div>Boosting Quiz</div></div>	Passed	Dec 23 1:29 PM IST	6%	100%
<div><div></div><div>Boosting a decision stump Quiz</div></div>	Passed	Dec 23 1:29 PM IST	6%	100%
<div><div></div><div>Precision-Recall Quiz</div></div>	Passed	Dec 30 1:29 PM IST	4%	100%
<div><div></div><div>Exploring precision and recall Quiz</div></div>	Passed	Dec 30 1:29 PM IST	6%	100%
<div><div></div><div>Scaling to Huge Datasets &amp; Online Learning Quiz</div></div>	Passed	Jan 6 1:29 PM IST	4%	100%
<div><div></div><div>Training Logistic Regression via Stochastic Gradien... Quiz</div></div>	Passed	Jan 6 1:29 PM IST	7%	100%