



Statistics with MATLAB. Advanced Segmentation Techniques (Paperback)

By G Peck

Createspace Independent Publishing Platform, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.This book develops advanced Segmentations Tecniques (Classification Learner, Regression Learner, Support Vector Machine and Neural Networks) . Use the Classification Learner app to train models to classify data using supervisedmachine learning. Modeltypes include decision trees, discriminant analysis, support vector machines, logistic regression, nearest neighbors, and ensemble classification. You can use Regression Learner to train regression models to predict data. Includes linear regression models, regression trees, Gaussian process regression models, support vector machines, and ensembles of regression trees. Neural Network Toolbox provides algorithms, pretrained models, and apps to create, train, visualize, and simulate both shallow and deep neural networks. You can perform classification, regression, clustering, dimensionality reduction, time-series forecasting, and dynamic system modeling and control. The most important content in this book is the following: -Data Mining and Machine Learning in MATLAB -Selecting the Right Algorithm -Train Classification Models in Classification Learner App -Train Regression Models in Regression Learner App -Train Neural Networks for Deep Learning -Automated Classifier Training -Manual Classifier Training -Parallel Classifier Training -Compare and Improve Classification Models -Decision Trees -Discriminant Analysis -Logistic Regression -Support Vector Machines -Nearest Neighbor Classifiers -Ensemble...



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