

# Training Course

Advanced Discovery and Modeling with KnowledgeSTUDIO®



**Duration:** 3 days

## Level 2

### Course Overview:

A 3-day course that provides a further insight into the modeling techniques available in Angoss KnowledgeSTUDIO® 5.2 besides decision trees that can be used to build Predictive Models in a variety of application areas. This course includes the Level 1 Course (Introduction to Decision Trees using Angoss KnowledgeSEEKER® 5.2)

### Course Outline:

- Level 1 Course - Introduction to Decision Trees using Angoss KnowledgeSEEKER® 5.2
- Review of Data Mining Best Practices
- Predictive Modeling : Logistic Regression, Linear Regression, Neural Networks
- Model Evaluation : Model Validation, Using the Model Analyzer: Lift Curve, Cumulative Lift, K-S Statistic, Profit Curve
- Un-supervised Modeling: Clustering: Building Cluster Models, Using the Segment Viewer for Cluster Profiling, Scoring
- Deployment and Scoring: Code generation and Scoring

### Course Outcome:

Upon completion of this course, you will be able to:

- Source relevant data from databases
- Get a thorough understanding of the modeling process and mathematical algorithms
- Build and validate decision trees, regression, neural networks models
- Segment data using cluster analysis and principal component analysis
- Integrate models into you business process by reporting or scoring
- Receive a certificate of completion

### Toronto Schedule

December 2-4, 2008

March 3-5, 2009

June 9-11, 2009

September 15-17, 2009

Please check [www.angoss.com/analytics\\_services/education\\_toronto.php](http://www.angoss.com/analytics_services/education_toronto.php) for the latest training schedule.

Angoss Software Corporation  
111 George Street, Suite 200  
Toronto, Ontario M5A 2N4  
Tel: 416-593-1122  
Fax: 416-593-5077