

Machine Learning Workshop Outline

1. Getting Started: Your Working Environment and Working with Data
2. Exploratory Data Analysis: The Surface Scan and Common Transforms
3. Exploratory Data Analysis: Rate Transforms and Visual Profiles
4. Building Models: Logistic Regression
5. Building Models: Decision Trees
6. Evaluating Models: ROC Curves and Gain Charts
7. Deploying and Marketing a Model: Adding a User Interface
8. Putting It All Together: Part 1 - The Big Picture and Data Assembly
9. Putting It All Together: Part 2 - Data Prep and Common Issues
10. Putting It All Together: Part 3 - Building the Model(s)
11. Putting It All Together: Part 4 - Validating the Model: Is it Overfit?
12. Putting It All Together: Part 5 - Final Testing, Work Products, Deployment: Are We Done Yet?