

Day 1

1. Background and objectives: What success will look like? 09:00-10:30
 - Introductions
 - Orientation
 - Reasons for development
 - Key steps

Exercises: Model assumptions

2. Scorecard building blocks: Principles and practice 10:30-12:30
 - Populations and odds
 - Scorecard building blocks
 - Development project: key steps

Exercises: Why do lenders use scoring?

Day 2

3. Definitions and selections 09:00-10:45
 - Identifying the purpose of the scorecard
 - Development sample
 - Sampling

Exercises: Definitions and business fit

4. Finding predictors: "Feature engineering" 10:45-12:30
 - Data
 - Creating characteristics

Exercises: What variables predict risk?

Day 3

5. Managing scorecard development: Maximising investment 09:00-10:30
 - Project organization
 - Project design document
 - Testing and control
 - In-house vs. External development

Exercises: War stories!

Day 3 cont.

6. The final elements 10:30-12:30
- Characteristics interactions
 - Actual vs expected principles
 - Building the scorecard: logistic regression vs AI
 - Testing: calibration and adjustment
- Exercises: Characteristic selection

Day 4

7. Scorecard sign-off: How does the scorecard rate? 09:00-11:00
- Technical and business sign off parameters
 - Qualitative validation
 - Quantitative assessment
- Exercises: Validation case studies
8. What impact will the new model have? Strategic decisioning 11:00-12:30
- Understanding model outputs
 - Identifying sub-population impacts
 - Defining future expectations
 - Buying data
- Exercises: Swap set analyses

Day 5

9. Actual vs Expected framework: Can I believe my eyes? 09:00-10:30
- Philosophy: rigour in reporting
 - Thresholds and techniques
 - Business practice
10. What impact will the new model have? Management information 10:30-12:30
- MI principles, metrics and triggers
 - Front end reports
 - Performance reports
 - Dashboards
- Exercises: Defining KPIs and triggers for action

End of seminar