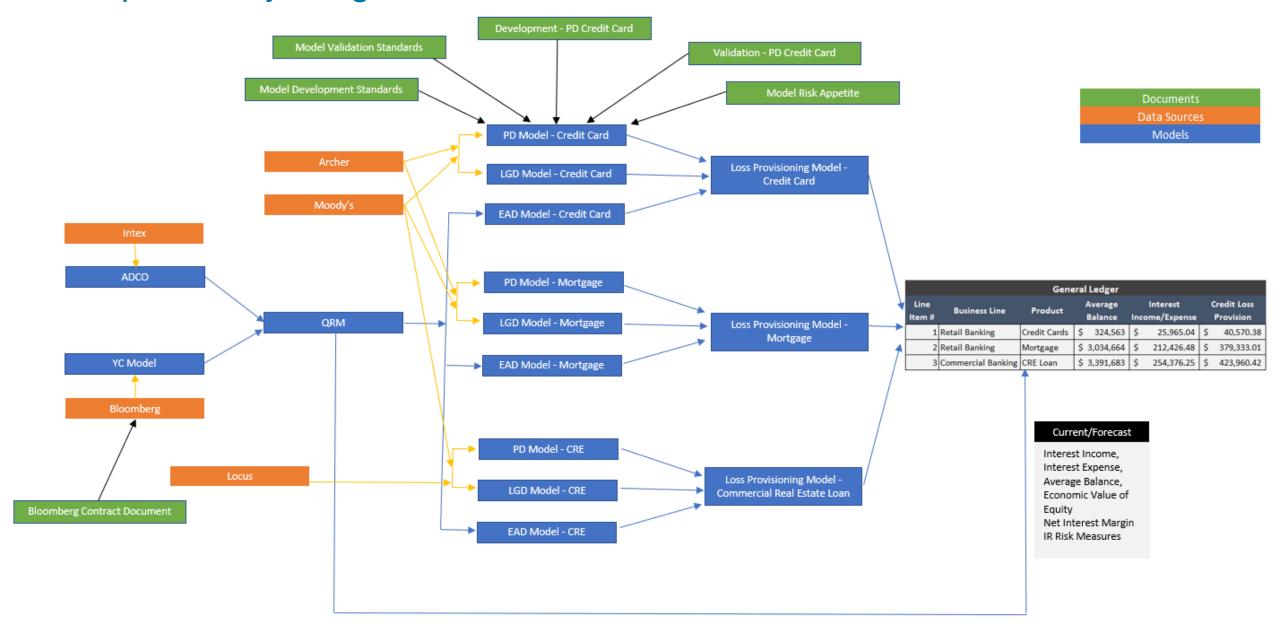


The Secret to Automation and Lineage: MathWorks Model Inventory

Ian McKenna, Ph.D.
Global Lead for Model Risk Management

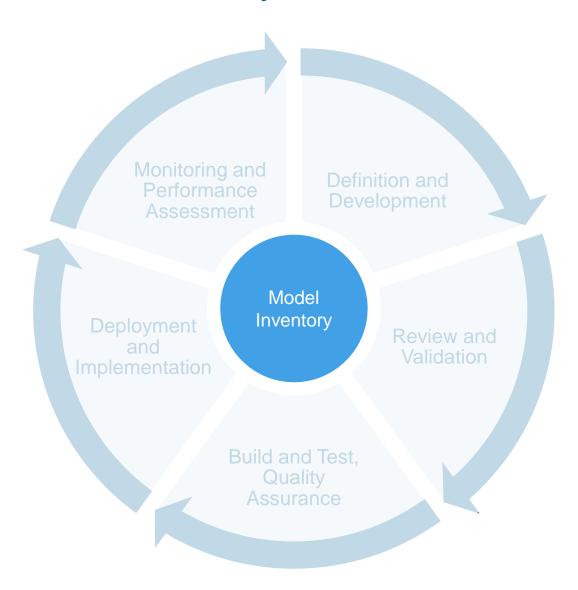


Dependency Diagram





Model Lifecycle



Business Value

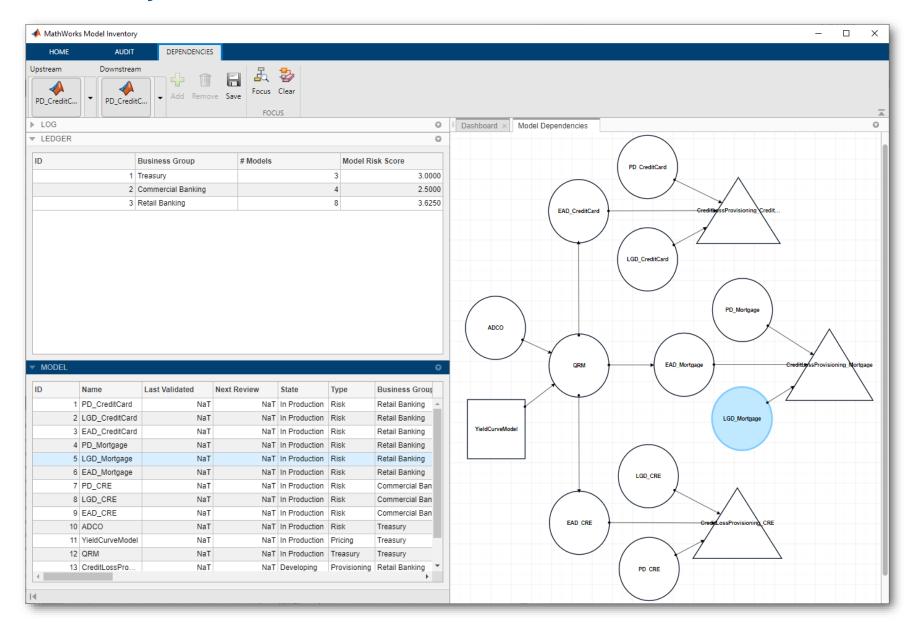
- Model traceability for compliance
- Workflow automation
- Model reusability

Key Capabilities

- Centralized model assets accessible via web
- Drill-down from general ledger to model level
- Customizable model risk dashboards



Model Inventory





Model Inventory

- Model changes auto-trigger alerts
 & customized code
- Drill down visualizations



- Dependencies
- Executive dashboard
- Top-down model traceability across business/product lines
- Automated model risk scoring
- Linked to scripts, documentation, findings, and review environment
- Time machine

