

# TIGER'S ACCELERATED LIFE UNDERWRITING PROGRAM

## OUR ACCELERATED UNDERWRITING PROGRAM FOCUSES ON THE FOLLOWING 4 KEY DIMENSIONS



**REDUCING THE NEED FOR EVIDENCE**



**REDUCING HUMAN EFFORT IN TRIAGING DECISIONS**



**AUTOMATED RISK SLOTTING**



**STANDARDIZATION OF BUSINESS PROCESSES**

## TO DELIVER MAJOR BUSINESS IMPACT ACROSS VALUE LEVELS



**01**

**IMPROVED  
BIND RATIO  
RENEWAL RATE**



**02**

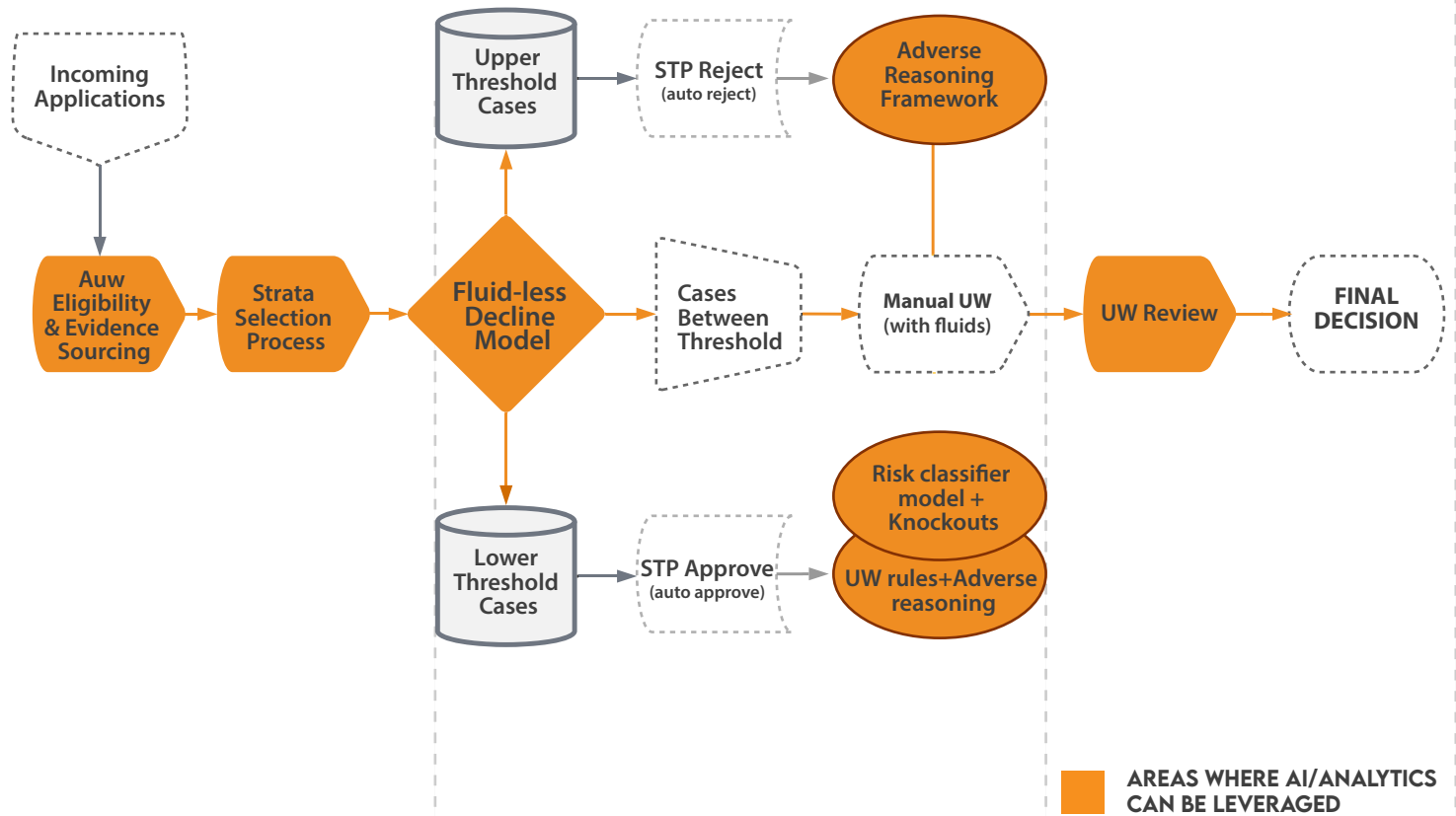
**REDUCED  
EVIDENCE  
COSTS**



**03**

**BETTER  
CLAIMS  
EXPERIENCE**

# AI AND ANALYTICS USE CASES ACROSS THE LIFE INSURANCE UW VALUE CHAIN



## AI / ANALYTICS USE CASES

### AUW ELIGIBILITY, PRE-FILL, AND EVIDENCE SOURCING

- OCR and feature encoding from application, evidence data
- Smoker / cholesterol misrepresentation prediction models
- UW eligibility path selection

### STP ELIGIBILITY DECISIONING AND RISK CLASS SLOTTING

- Underwriting Decision Triage model
- Risk Classification model
- Survival modeling

### UW REVIEW AND FINAL DECISION- MAKING

- Knock out framework
- SHAP/LIME based customized adverse reason modules
- Models for UW audits

# BUSINESS VALUE DELIVERED



## LARGE SCALE FEATURE CREATION

Built a feature space with **~6000 features** from App, MVR, MIB and Rx data sources across 5 years



## AUGMENTED UW DECISION ENGINE

Achieved approved STP of **~45%** with **43% lab cost savings**

**OVER  
\$25 MILLION  
IMPACT  
IDENTIFIED**



## KNOCK OUT RULES FRAMEWORK

An ensemble of models + grid optimized rule scenario of 800+ business rules with risk model further **reduced weighted costs by 20% for a 5% reduction in STP** (compared to base model)



## MODEL EXPLAINABILITY FRAMEWORK

Adverse reasons module with top 15 reasons accounting for **85%** explanation

To learn more about our offerings in insurance.  
Contact us at [info@tigeranalytics.com](mailto:info@tigeranalytics.com) or visit [www.tigeranalytics.com](http://www.tigeranalytics.com)