

# 3rd Seminar on Data Science and Analytics

Bangalore, India

July 27<sup>th</sup>, 2019

## Augmented Intelligence & It's Potential for Actuaries

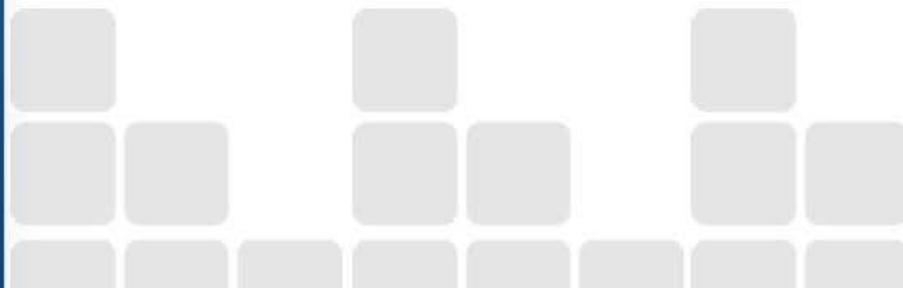
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VP, Cognitive Machine Learning  
**AntWorks**

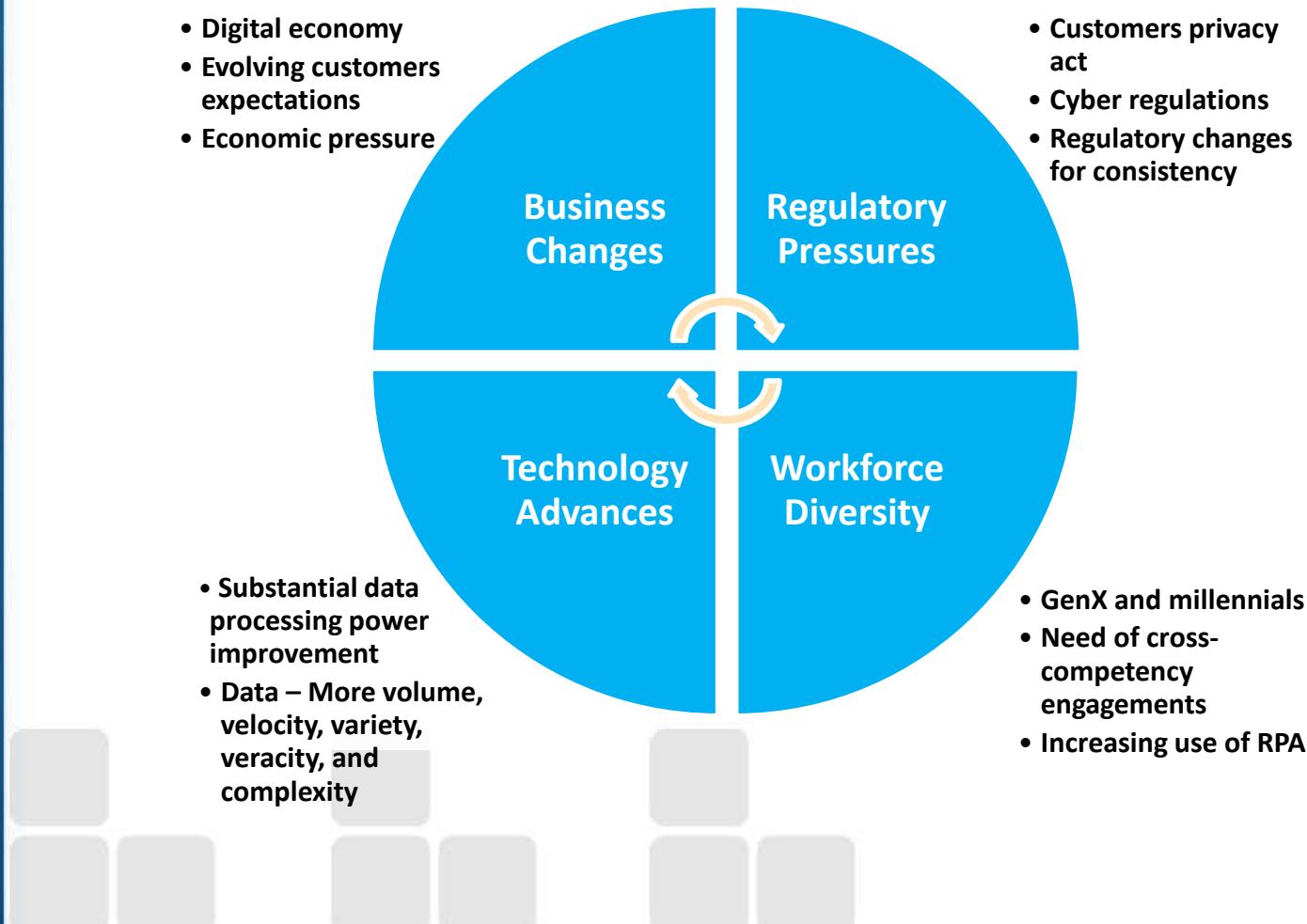


# Agenda

- Disruptions as drivers
- AI for actuarial modernization
- Advantage Actuarial
- Where to go?
- AI use cases



# Disruptions Galore



# AI for Actuarial Modernization

Exponential  
Increase in Data  
& it's complexity

Data from policy  
admin systems

## Expanded data

- From digital processes (acquisition, UW, claims settlement, etc.)
- Structured & unstructured data
- Data in motion, IoT, RPA

Paradigmatic  
shift in modelling

Traditional  
Actuarial & Data  
analytics  
techniques

## Advanced modelling

- Advanced techniques (Machine learning, Deep learning, Adaptive learning)
- Faster computations

Substantially  
improved  
decision making

Periodic  
insights  
from data  
analysis

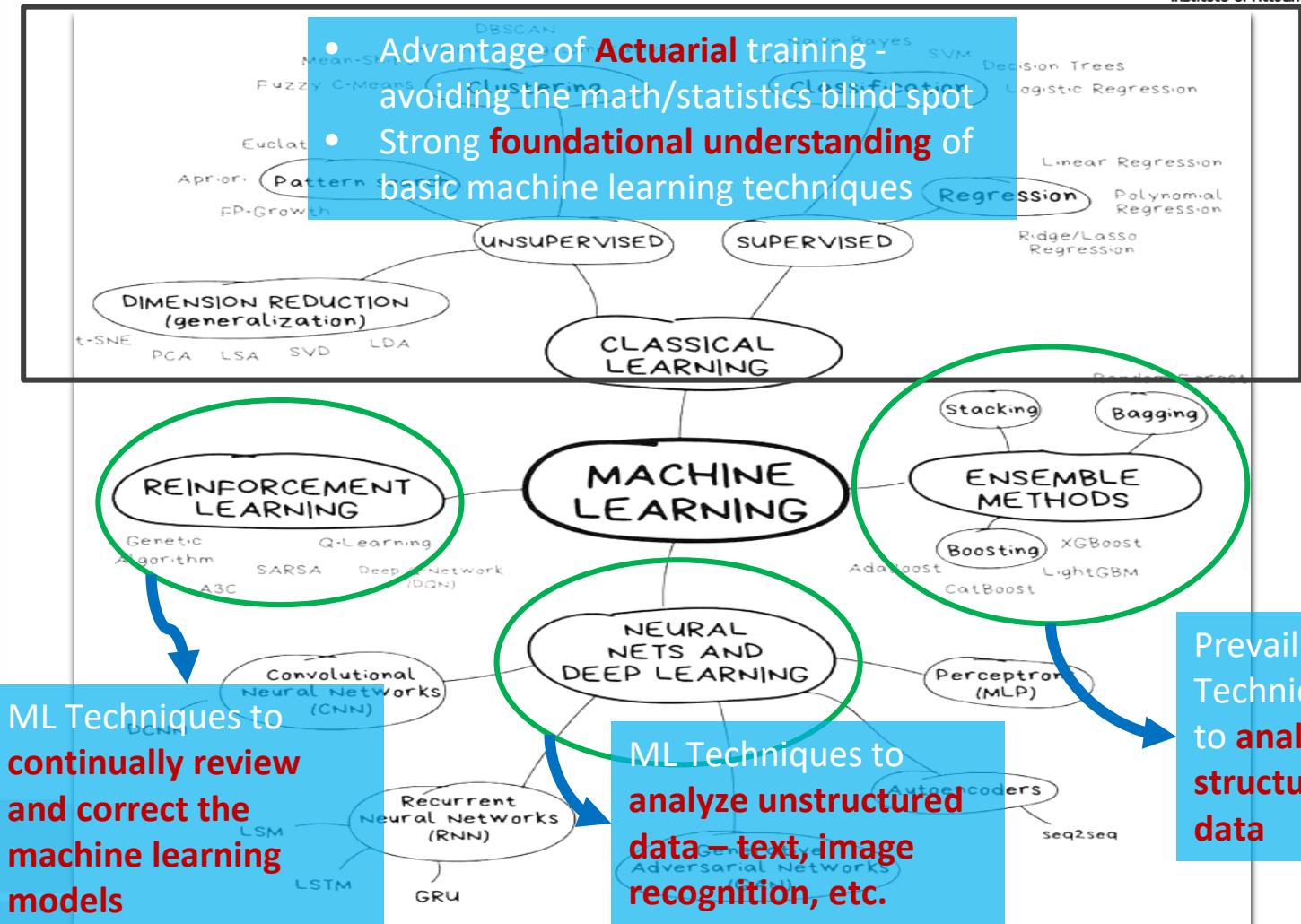
## Continuous Insights

- Ongoing visualizations & insights (automated)
- Feedback loop to continually improve insights



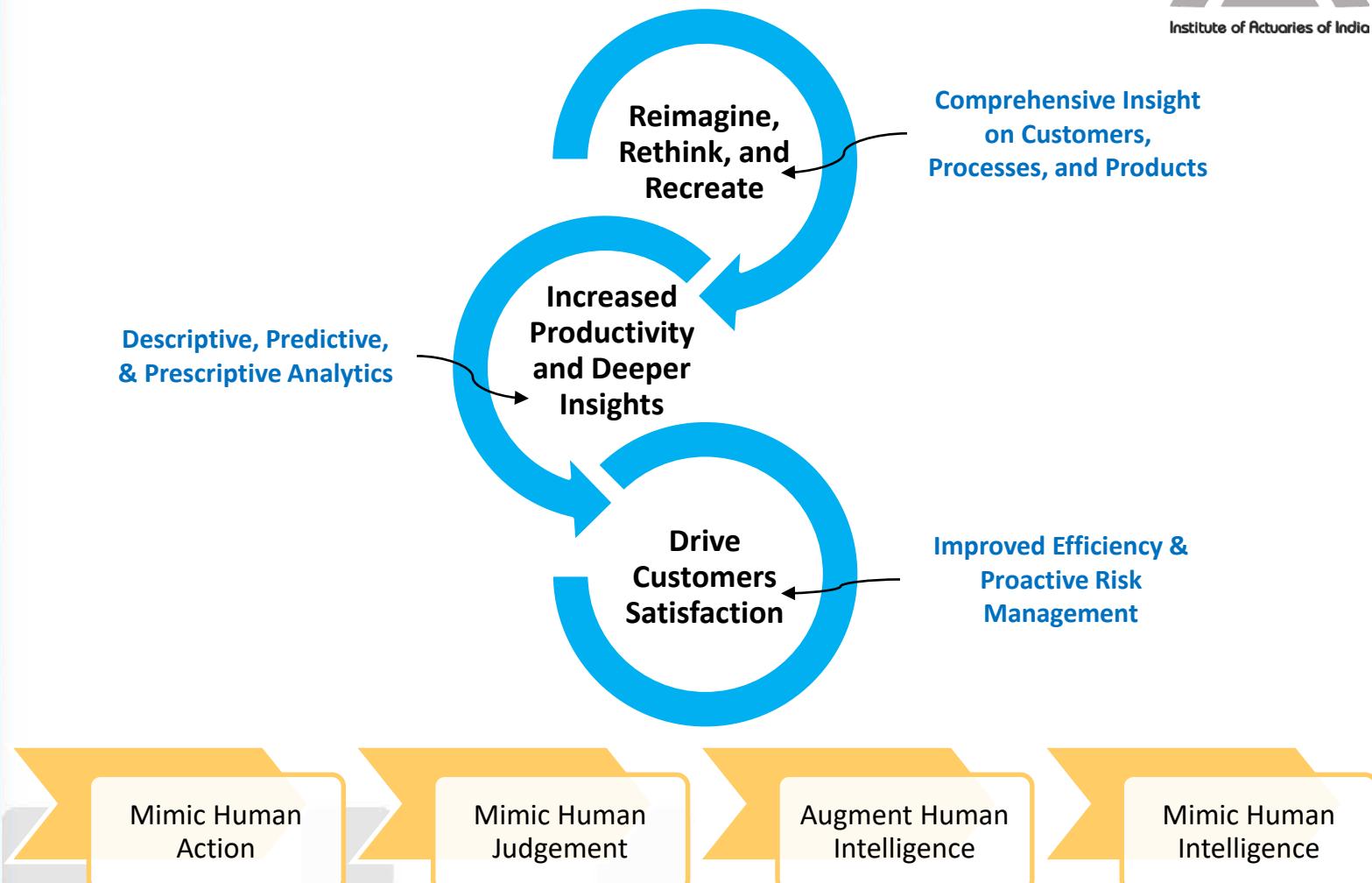
Institute of Actuaries of India

# Advantage Actuarial

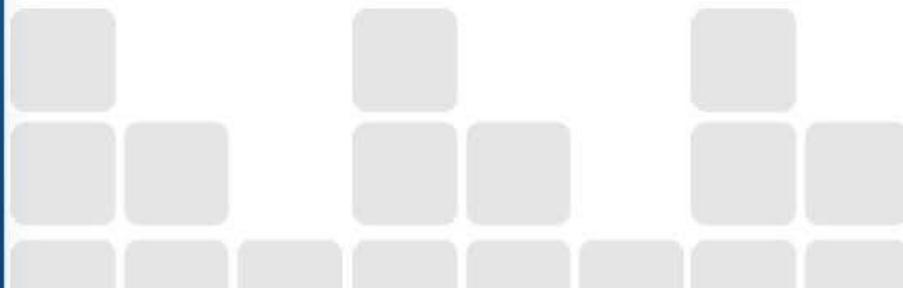
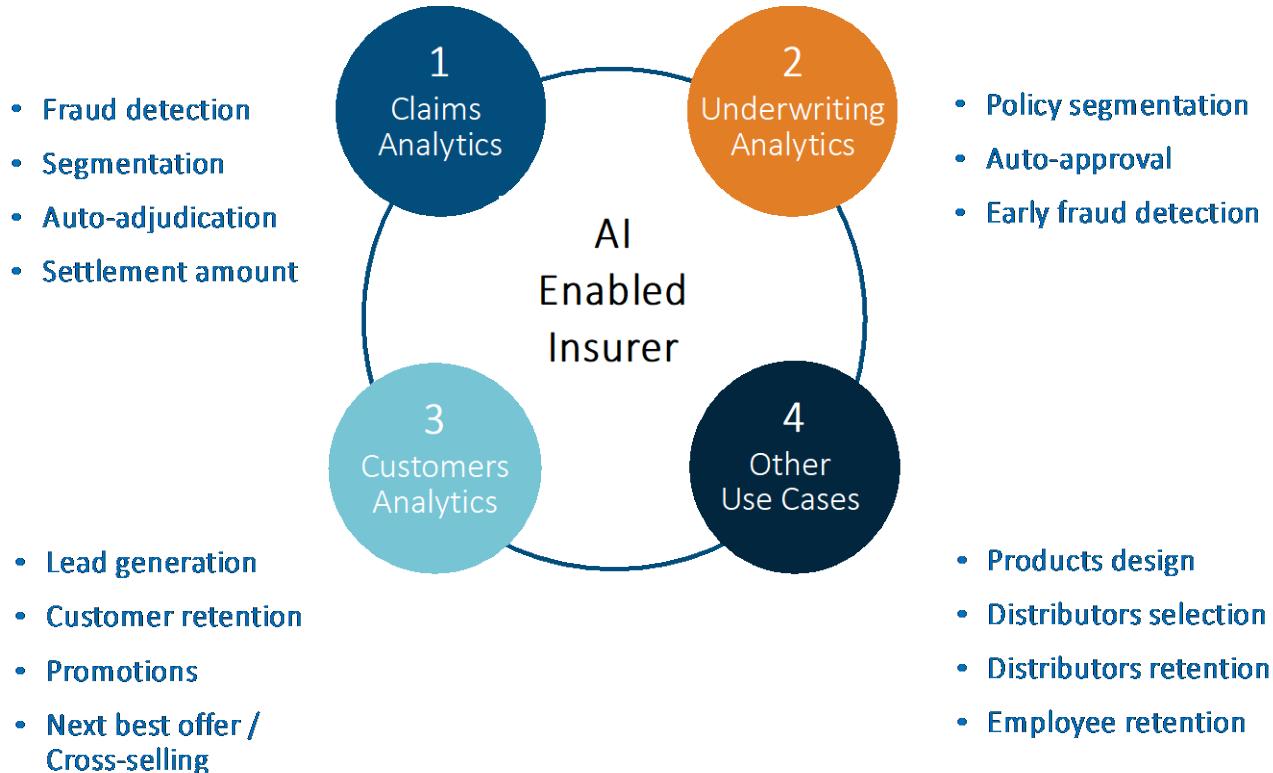


Source of image: LinkedIn

# Quo Vadis Actuaries



# AI Use cases



# Questions?

