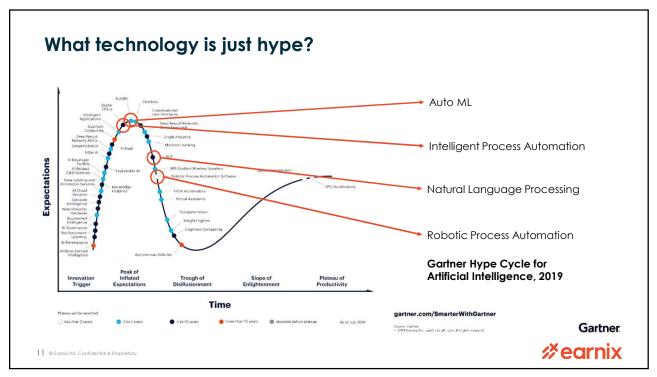


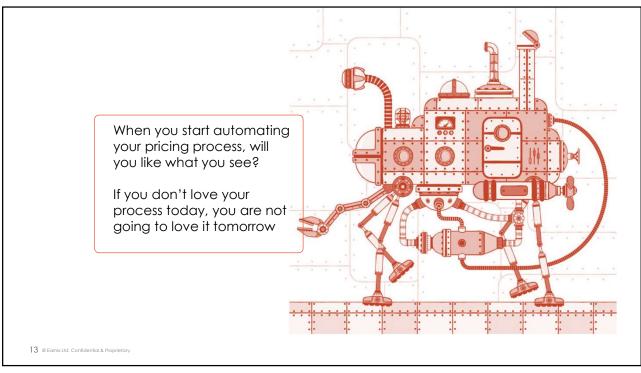


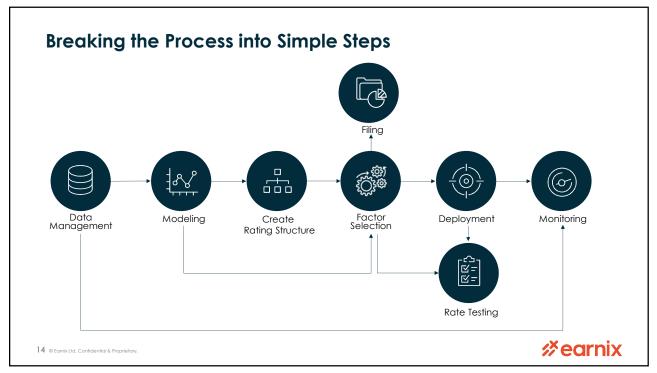
Tool	Description	Best Use	Longeviły/ Scope	Price
VBA	Visual Basic for Applications (used for MS products)	Converting data in Excel to be ingested into a tool with a different format	Legacy technology	\$
SAS	Full scope software suite with long history	Complex data transformations over large datasets	Persistent, but declining	\$\$\$\$
Python	Open source scripting language	General purpose coding outside of core operating systems	Rapid growth	\$
RPA	Robotic process automation	Purely process automation to replace human "clicking". Good for legacy systems.	Good adoption, maturing quickly	\$\$
IPA	Intelligent process automation; combining RPA, NLP, and Machine Learning	Great at automating complex tasks that mimic human thought and have an automated feedback loop	Lot's of hype, not much adoption	\$\$\$
Auto ML	Automated machine learning	Fitting statistical models	Slow growth	\$\$
NLP	Natural language processing	Transitioning between language and code	Losing momentum	\$\$

10 © Earnix Ltd. Confidential & Proprietary.







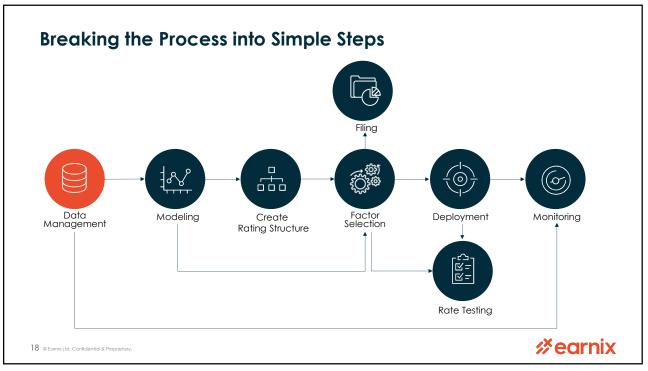


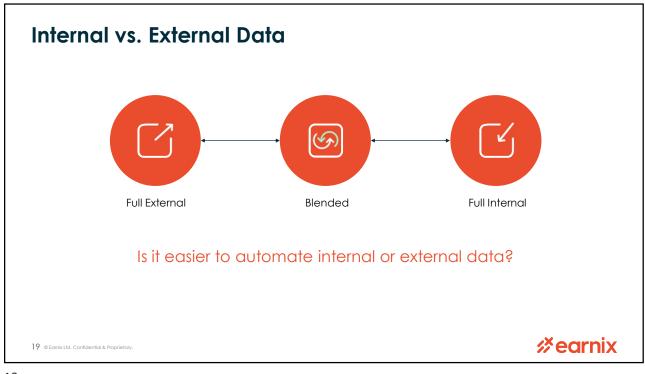


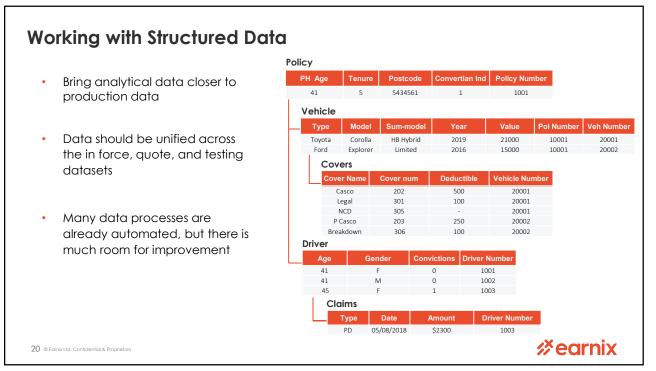


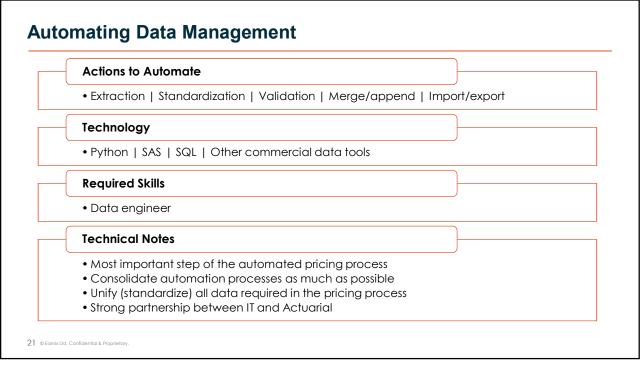




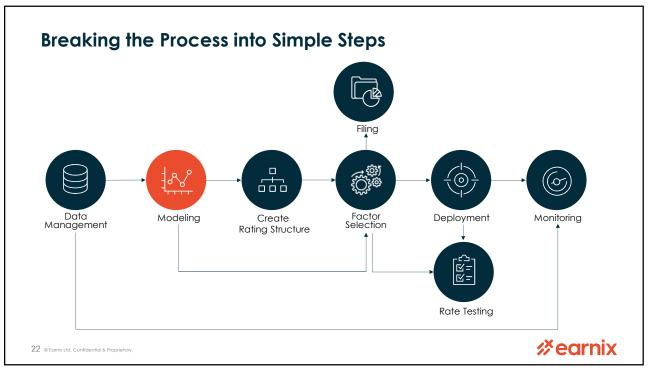


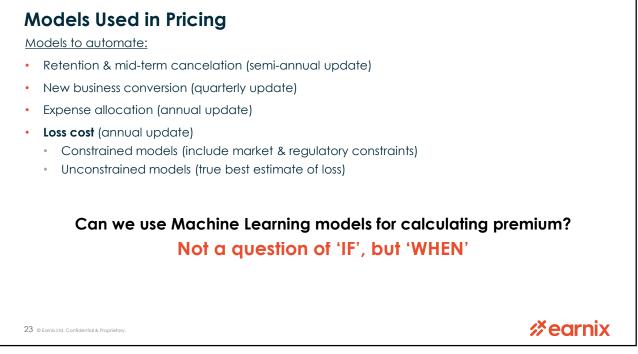


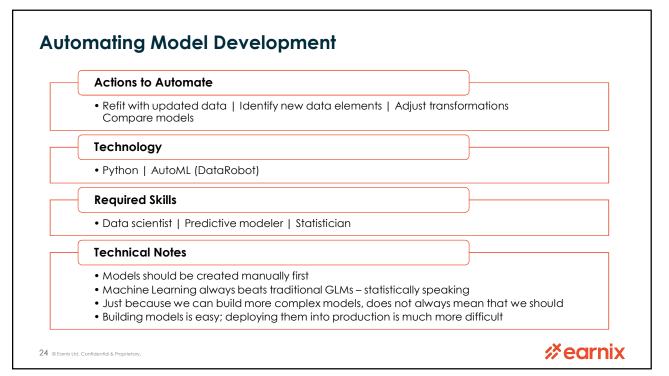


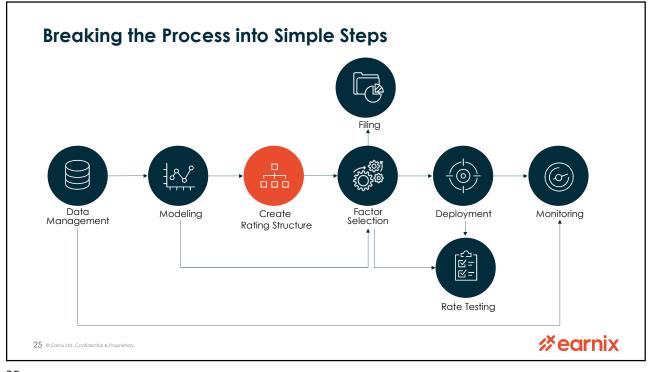




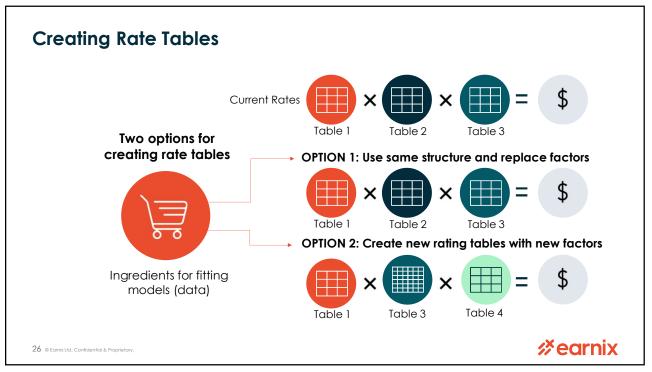


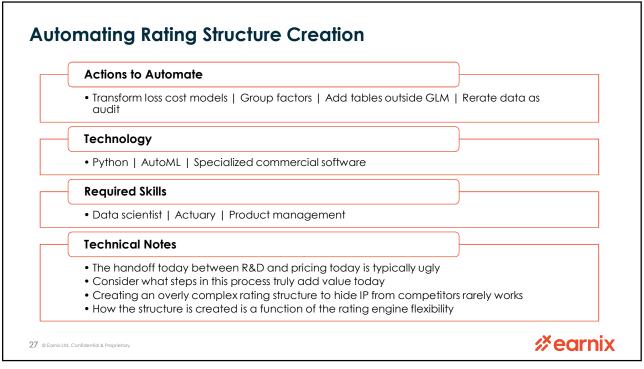




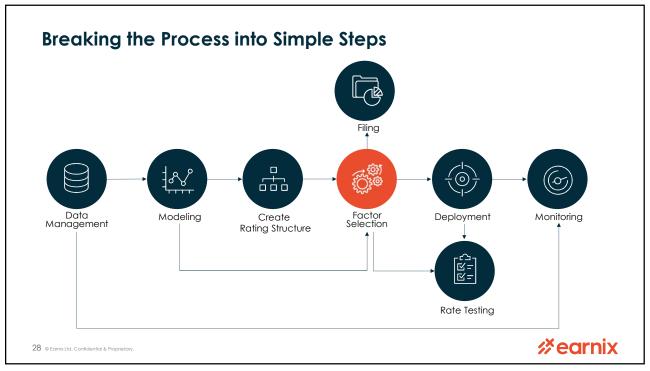


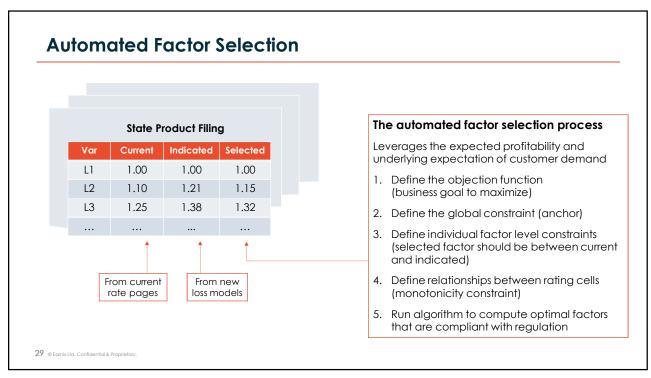


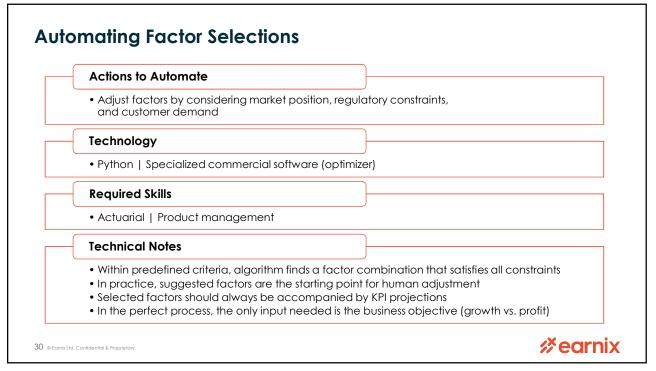


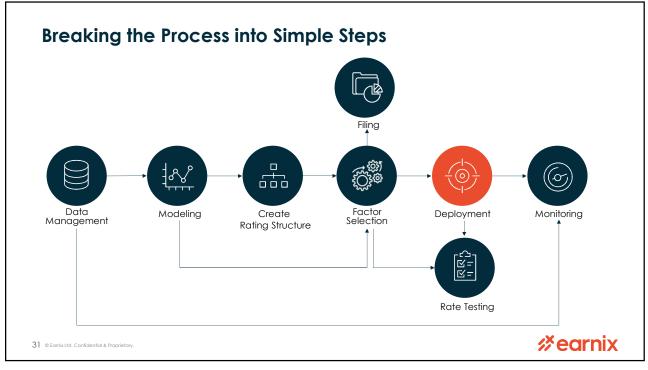


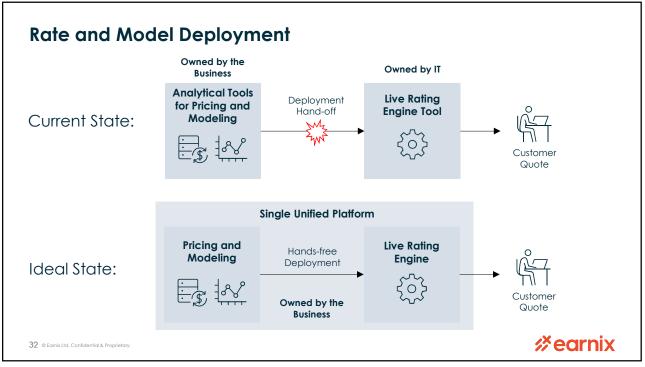


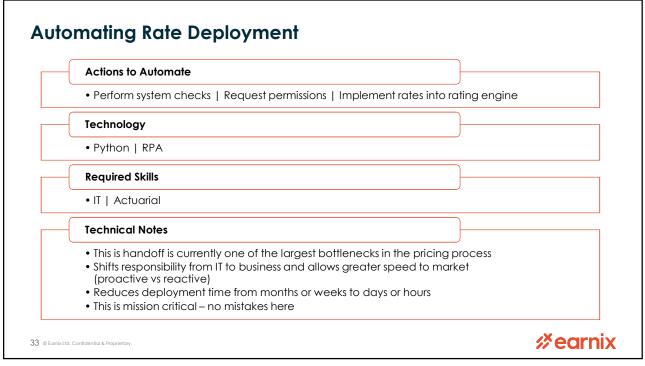




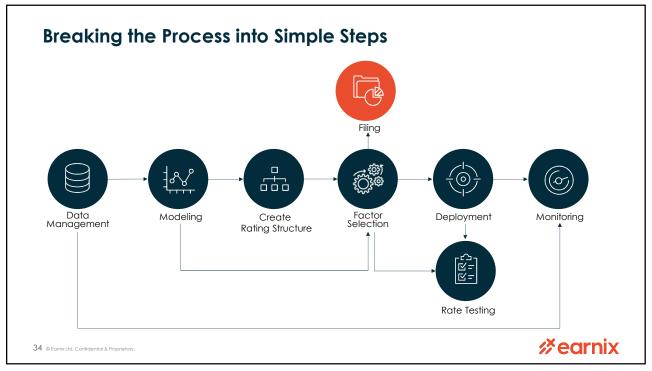


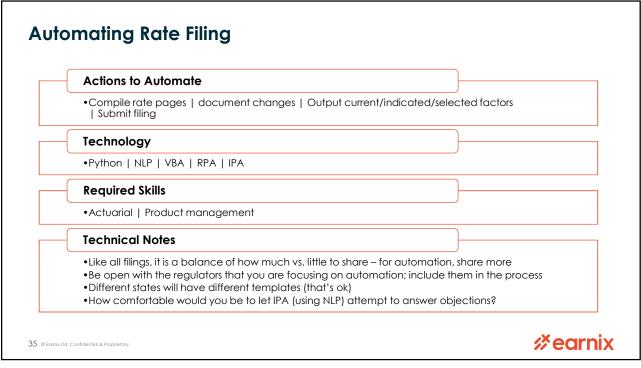




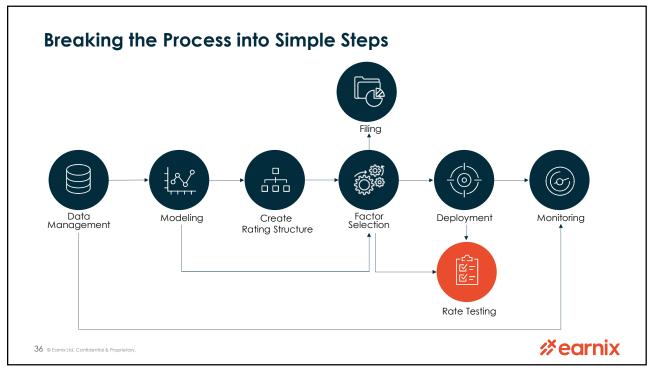


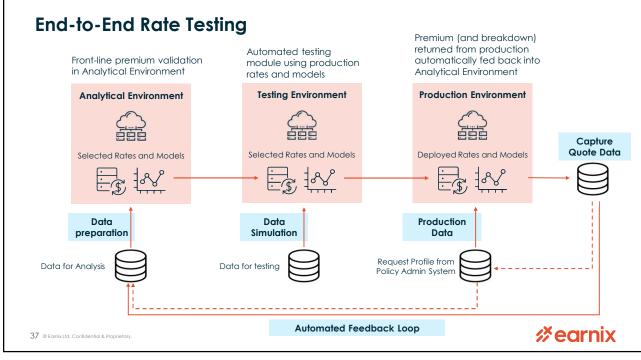


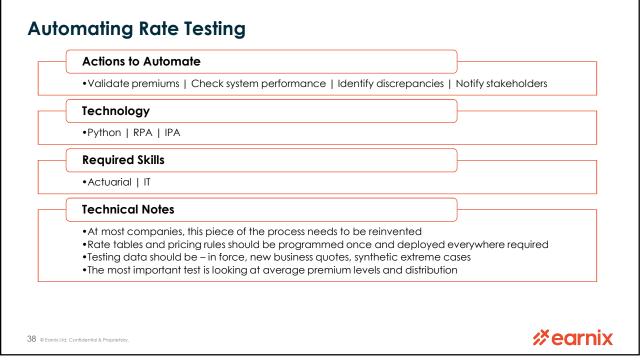


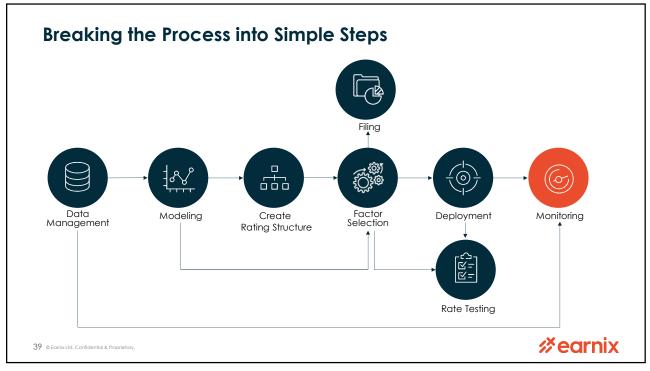




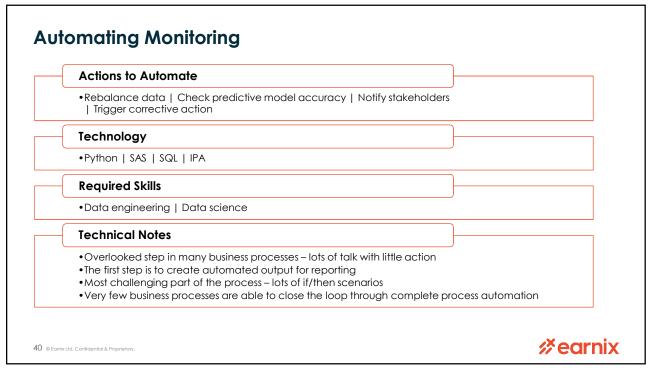




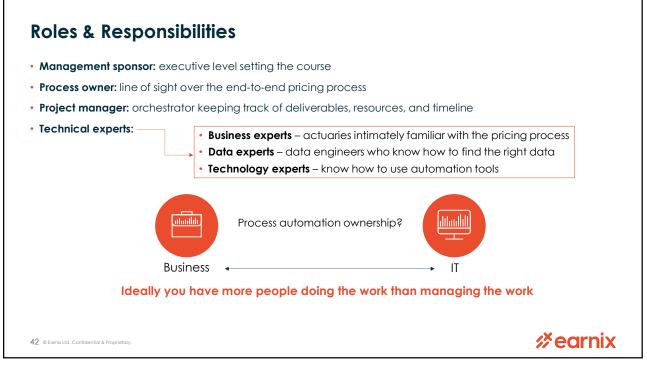




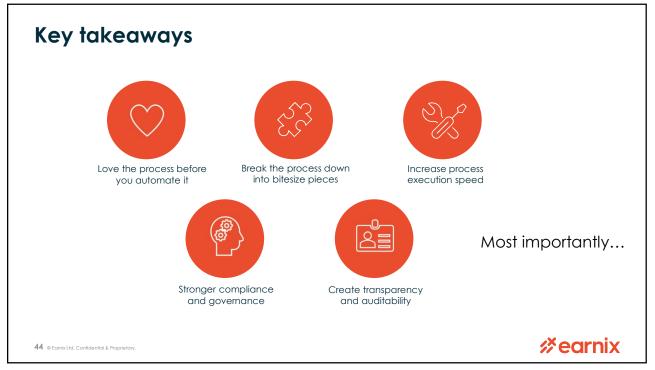












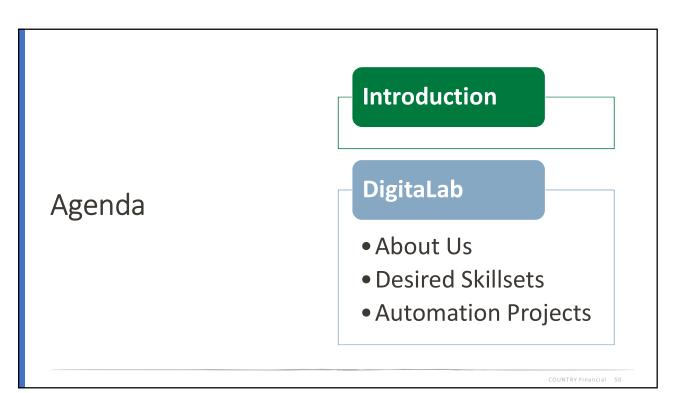










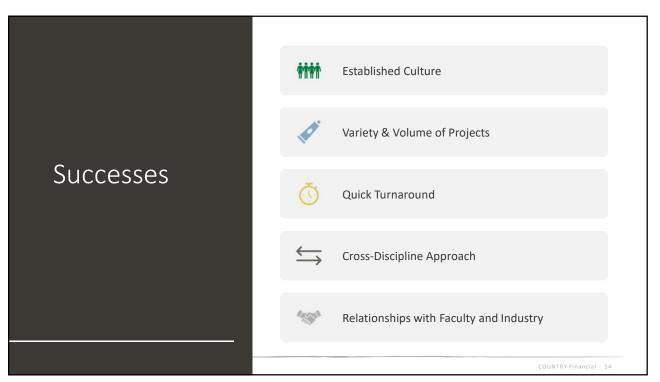


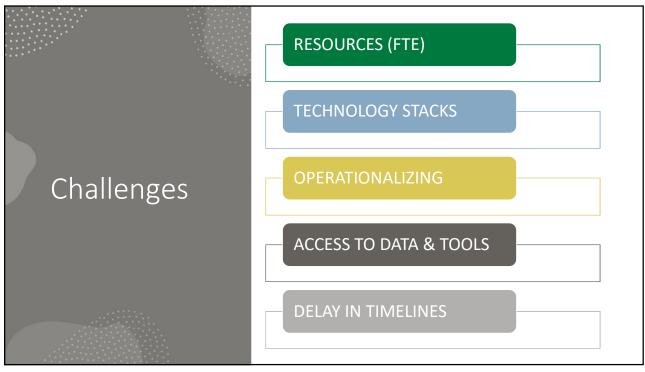
Julia Hart

- Site Director, DigitaLab (3 years)
- Adjunct Faculty, University of Illinois School of Information Sciences
- University of Illinois Alumni (Masters & Doctorate)
- Previously Director of IT and Institutional Research
- Lived in Champaign, IL for 34 years!

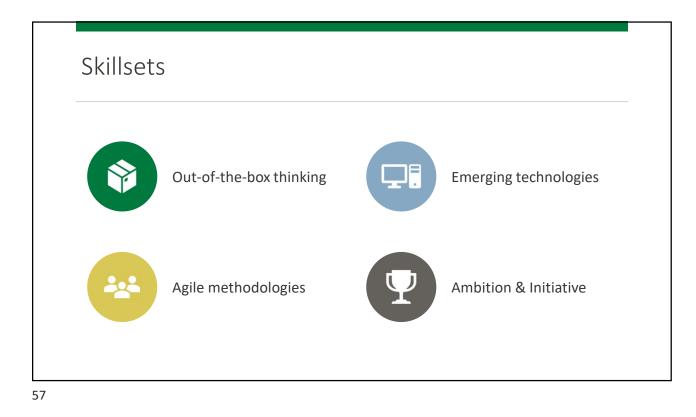


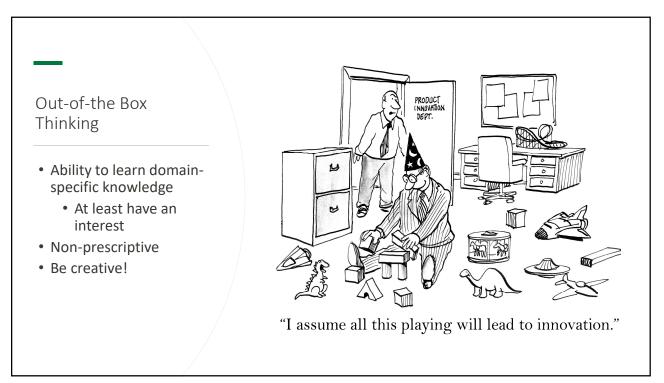








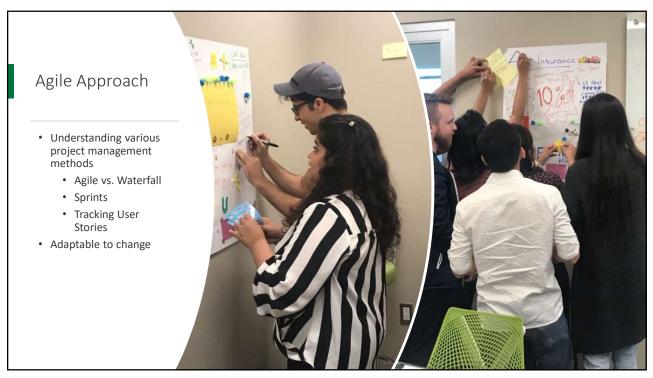




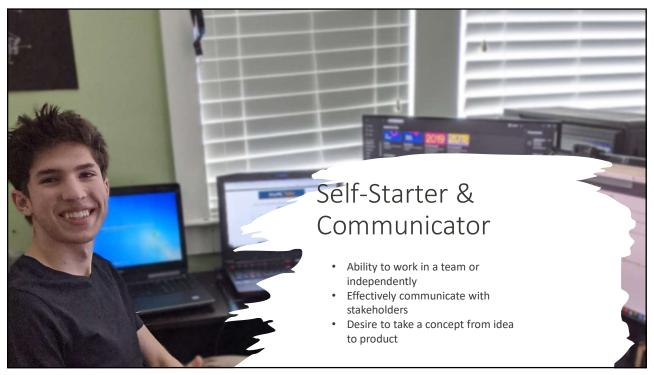
Latest Tech

- Data Science specific:
- Computational Skills
 - Programming Languages
 - Databases
 - Machine Learning
- Data Visualization
 - Storytelling
 - Interactive Dashboards
 - Analytical Reports

59

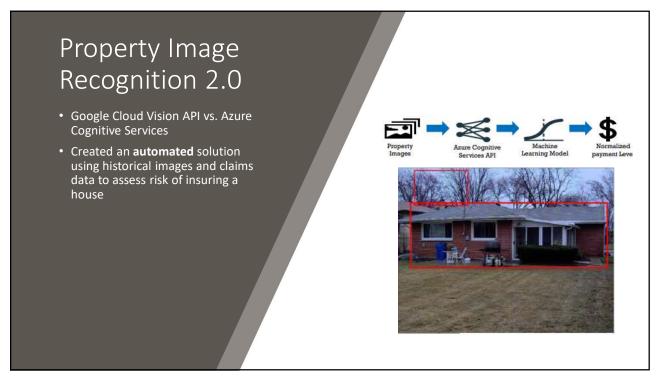


WELCOME TO THE DIGITALAB









Sentiment for Data Analysts

> No Data Science Background Needed!

Easy-to-Use Web App

Generates Predictive Model

Predicts Text Sentiment (Specific Context)

