



AI-Powered Lending: Empowering Members in Times of Financial Need

More Approvals. Lower Risk. Instant Decisions



Tracy Kaufman

Chief Lending Officer

26 years of experience in credit risk and lending strategies working with Wildfire Credit Union;
16 years as CLO at Wildfire Credit Union





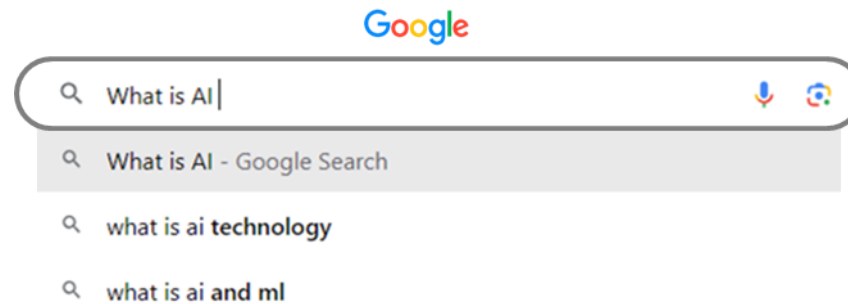
Eric Steinhoff

EVP, Client Impact

25 years of experience in credit risk analytics and lending strategies; led risk functions at ScaleFactor, ApplePie Capital, Tricolor, Capital One and Standard Bank

SCIENaPTIC

AI is every here



ChatGPT

Human-Like
Conversations

alexa

AI
Assistant

amazon

Predictive
Recommendations

T E S L A

Self-Driving
Cars

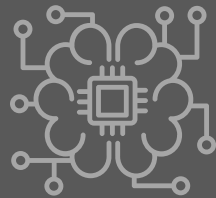
AI in financial services is not a new concept



Sir Thomas Bland, Deputy Chairman of Barclays bank, unveils the first Barclays cash machine on June 27, 1967

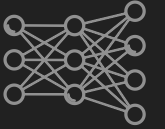
Big leaps in AI in the last 10 years

Artificial Intelligence



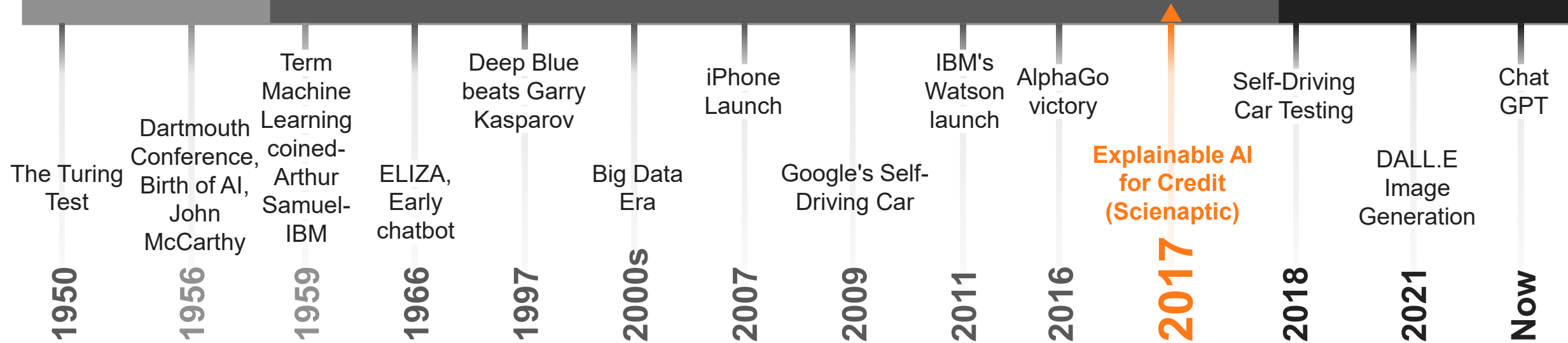
Machine Learning

Ability to learn without being explicitly programmed



Deep Learning

Learning based on Deep Neural Network



WEF predicts 4th Industrial Revolution shall be **Powered by AI**

Industrial
Revolution

1

2

3

4

Powered by
Steam Engine
(Britain)

Drove mass movement of goods & people & opened up access to goods & places previously inaccessible

Powered by
Electricity
(US)

Converted farming economies to industrial economies

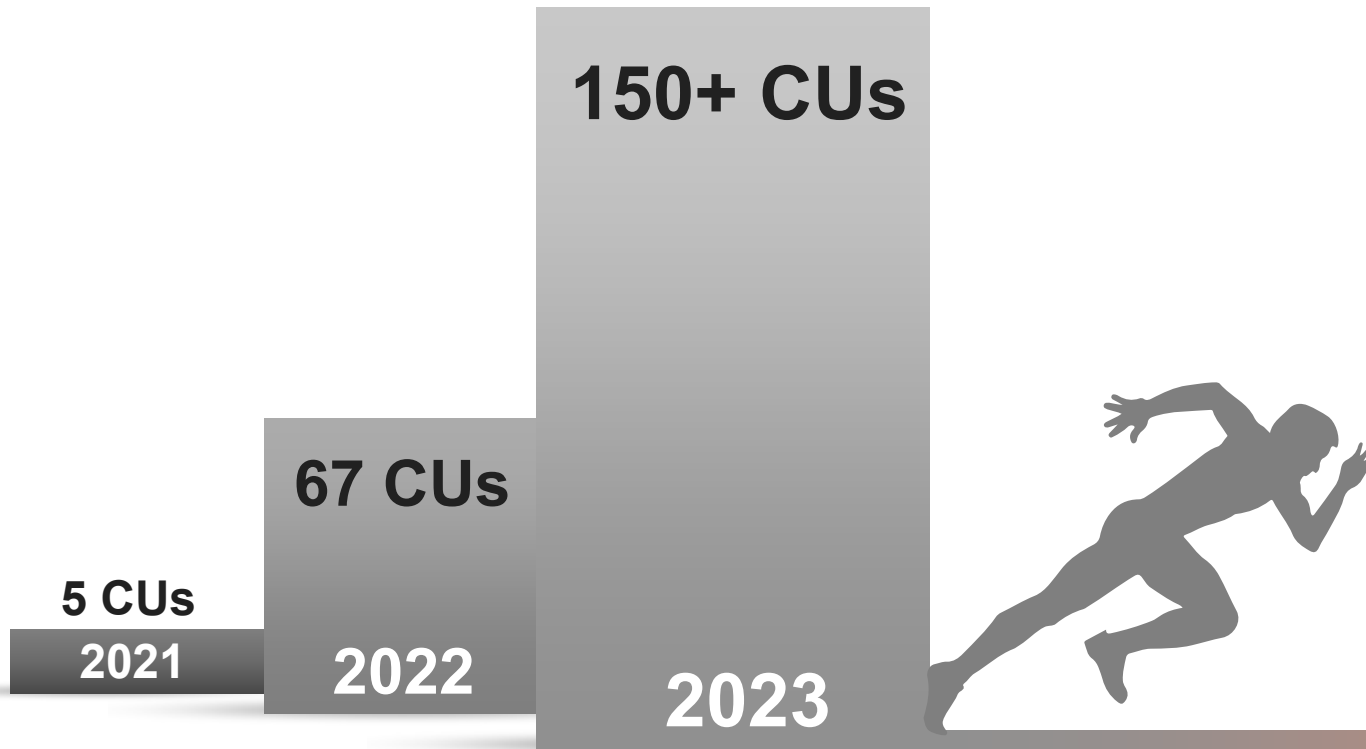
Powered by
Internet
(US)

Converted industrial economies to knowledge & digital powers

Powered by AI

Enabling machines possess human-like conscious intelligence but to the power of **"infinity"**

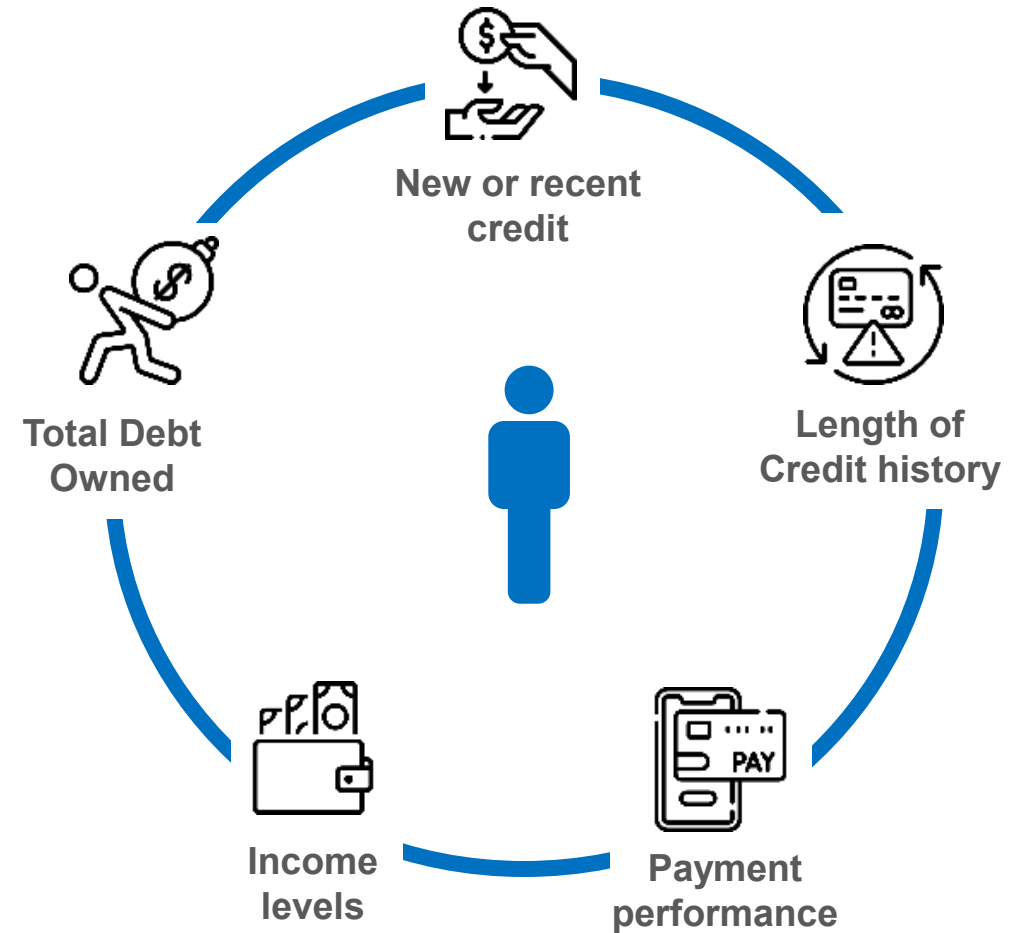
There's a **race** for adoption



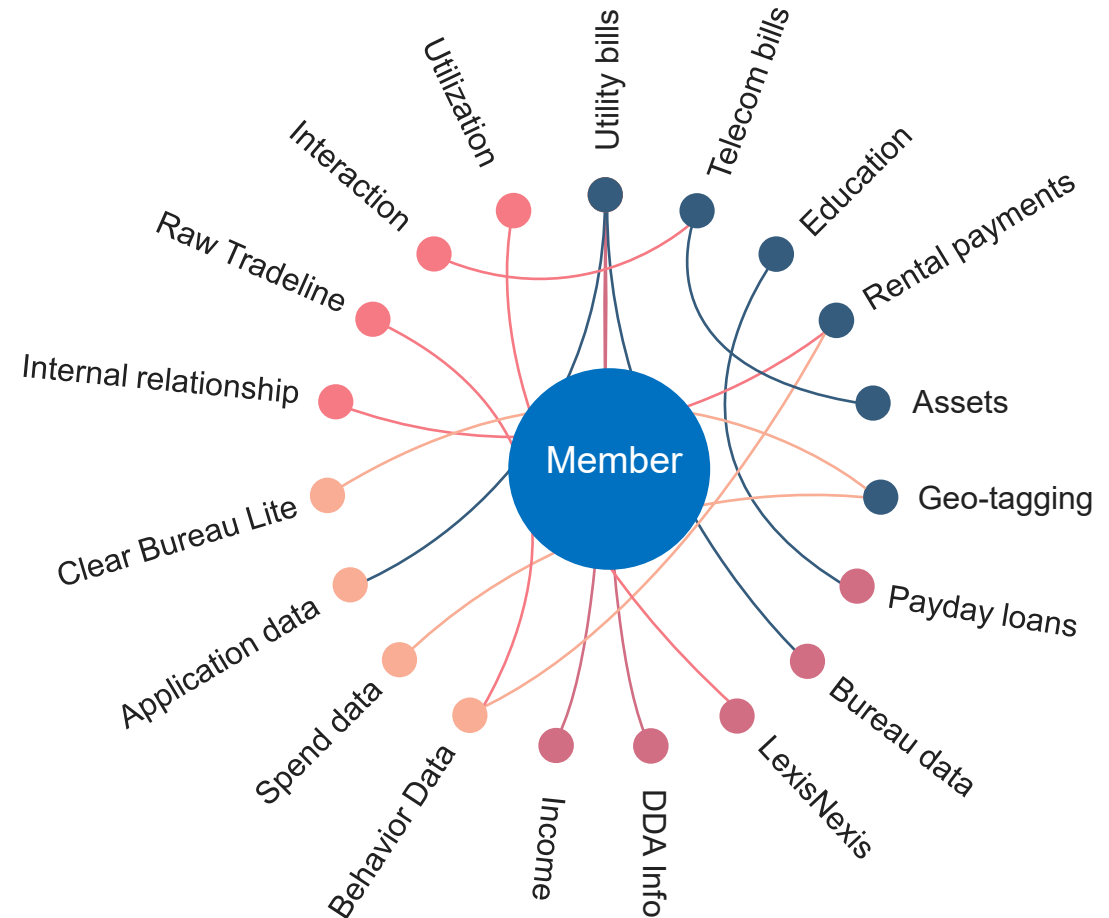
90%
of all
lending will
be AI

2030

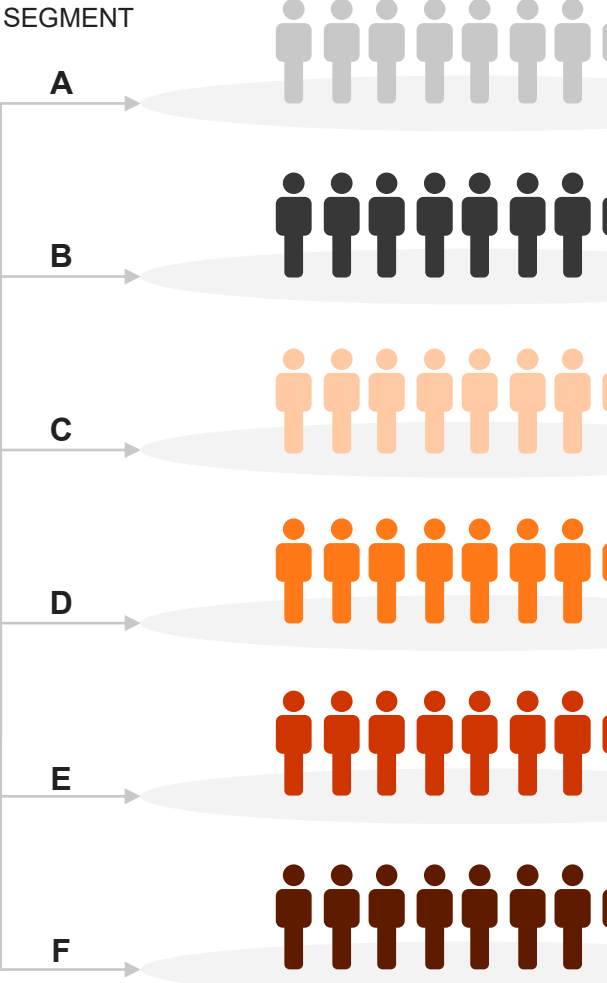
Typically, **humans** look at **10-20 variables** to evaluate credit risk



AI can evaluate
1000s of signals
in seconds



and deliver **instant,**
smarter and fair decisions





230,000+
members approved
Driving Financial Inclusion

Source: Scienaptic approvals for credit unions in past 24 months

Take-up rates take off when **decisions are instant...**

80-90%

take-up rate
when decisions are
instantaneous

up from

<20%

take-up rate
for decisions that are not
instant



Moving the needle on fair, equitable lending for protected classes

Hispanics

24%
more approvals

Age 62+

17%
more approvals

Blacks

27%
more approvals

Asians

26%
more approvals

Applications of AI extend beyond originations

Needs

Anticipate needs - make the **right offer to the right member at the right time**

Behaviors

Abnormal behavior (fraud), purchase patterns, parts of member journey that are digital, preferred platforms

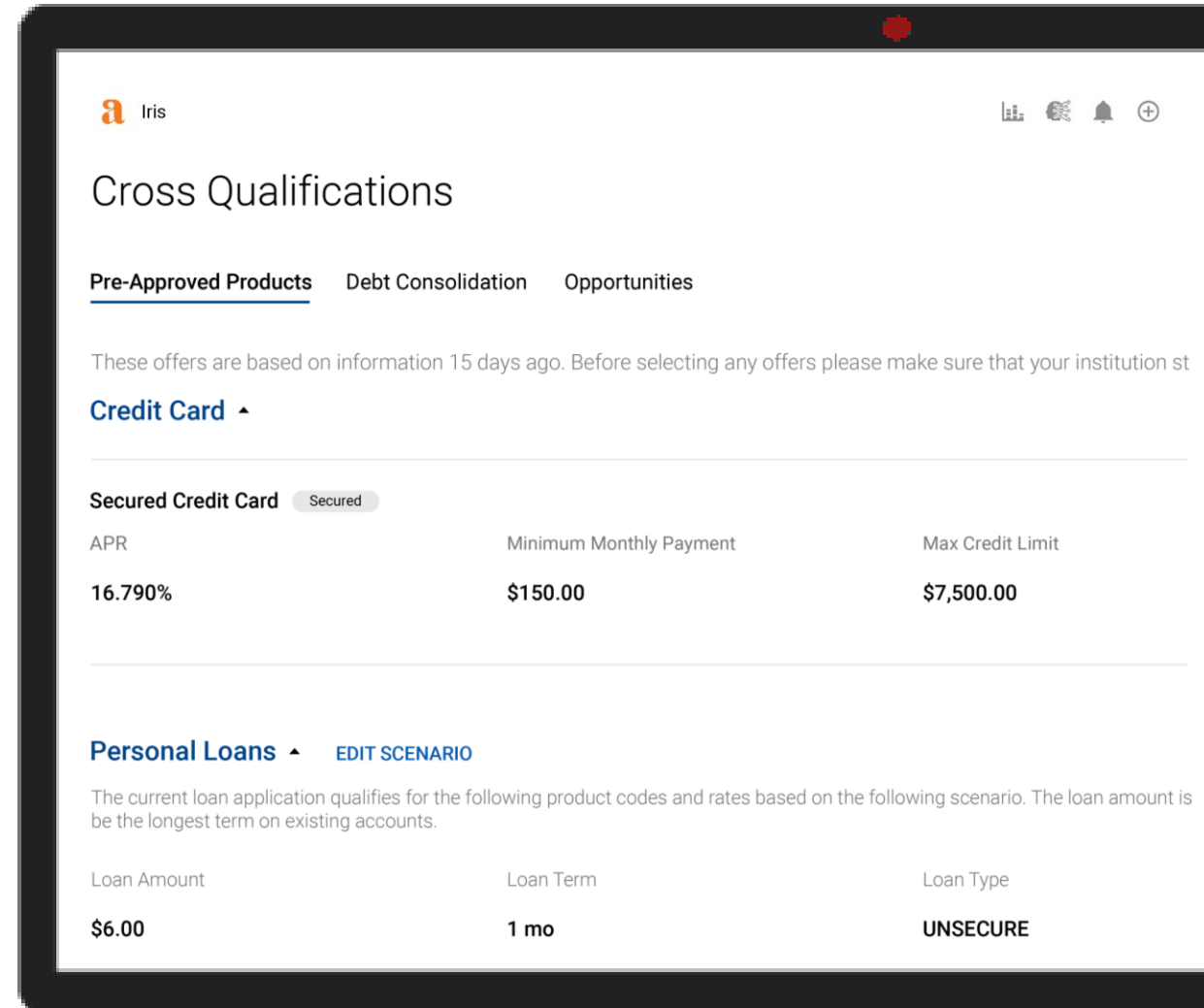
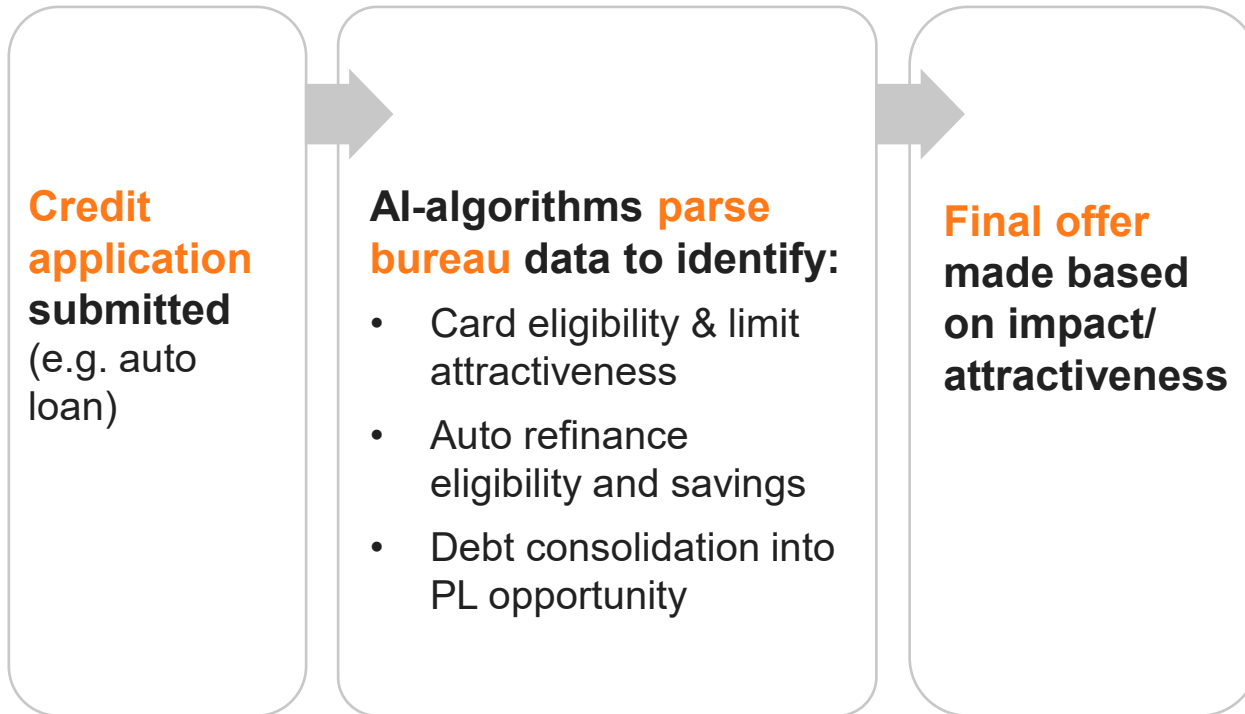
Context

Life stage, upcoming events, sources of income, occupation, etc

Preferences

Preferred channels, best time to contact, etc

The right offer to the right member at the right time



Catch fraudulent apps without impacting real members

Application Received

- App received in LOS
- Call made to Scienaptic platform

Key Attributes Identified & Application Scored

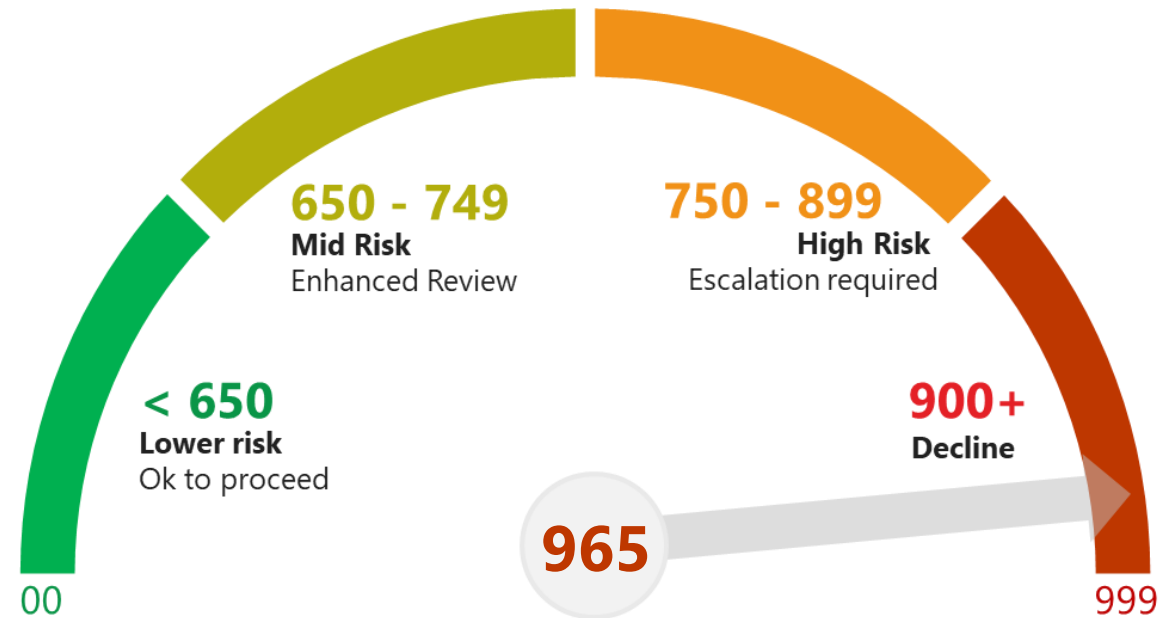
- R008:** SSN Tied to clump of SSNs empirically used for fraud
- R016:** Application cluster activity in SentiLink consortium data
- R028:** Unusual geographic activity associated with phone number
- R010:** Depth of consumer's history

a Iris



Scores Returned to Inform Treatment

Higher score = higher risk



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Eric Steinhoff

eric@scienaptic.com

+1 214 679 2953

www.scienaptic.ai | contactus@scienaptic.com

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