



SAS® VIYA™
THE NEXT ERA OF ANALYTICS

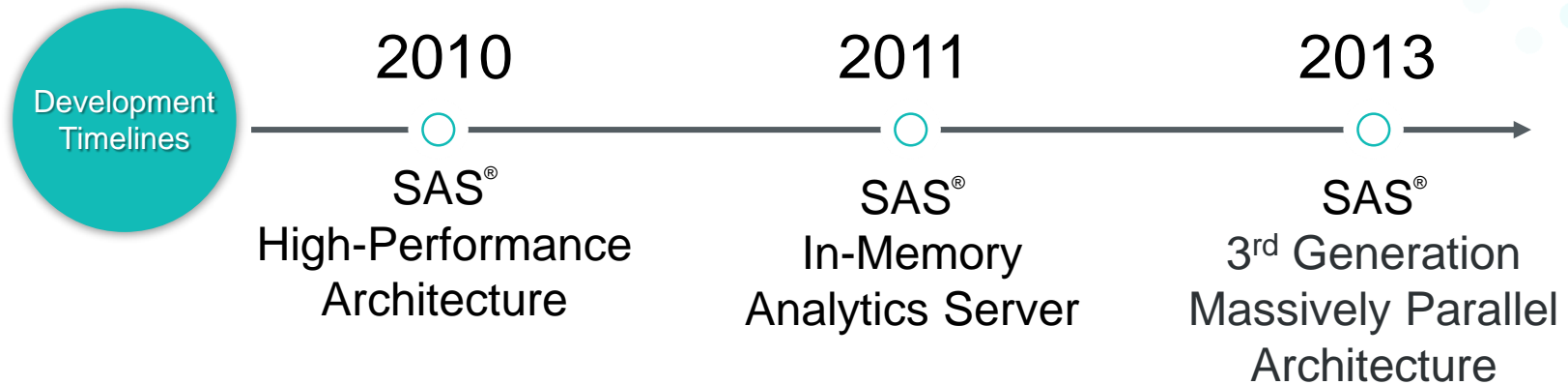


Anand Chitale
Senior Manager, SAS Global Technology Practice

“In the new world, it is not the big fish which eats the small fish, it’s the fast fish which eats the slow fish.”

Klaus Schwab
Founder and Executive Chairman
World Economic Forum

CONTINUED INNOVATION AND RAPID DELIVERY



SAS MULTI-VENDOR ARCHITECTURE

MVS OS/2 IRIX

Solaris Windows

HP-UX AIX Tru64

SunOS Linux

SAS





Innovators & Disruptors

Outlive the hype and establish permanence

- Encourage, foster, and capture innovation
- Turn innovation into disruption
- Create repeatable, auditable processes



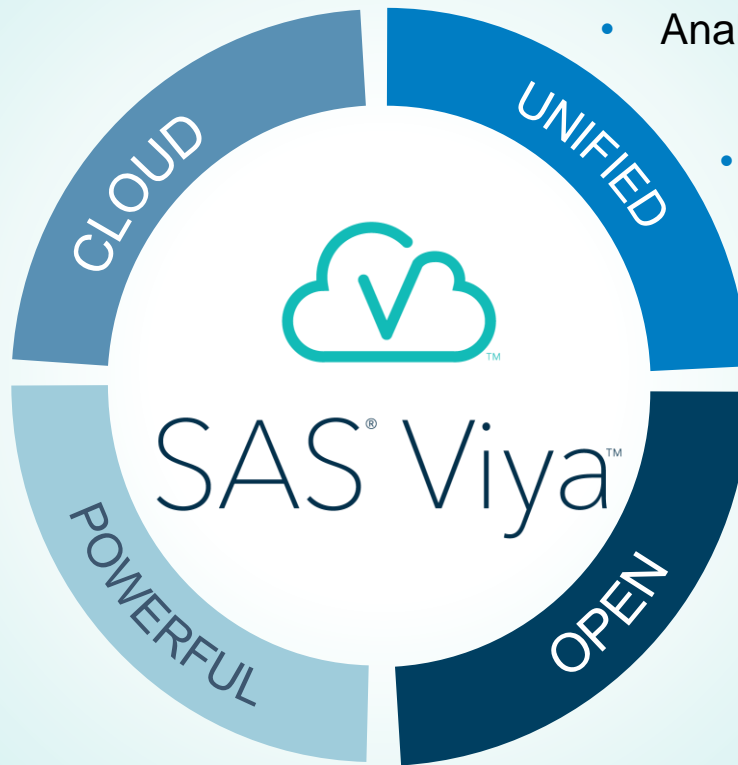
SAS[®] Viya[™]



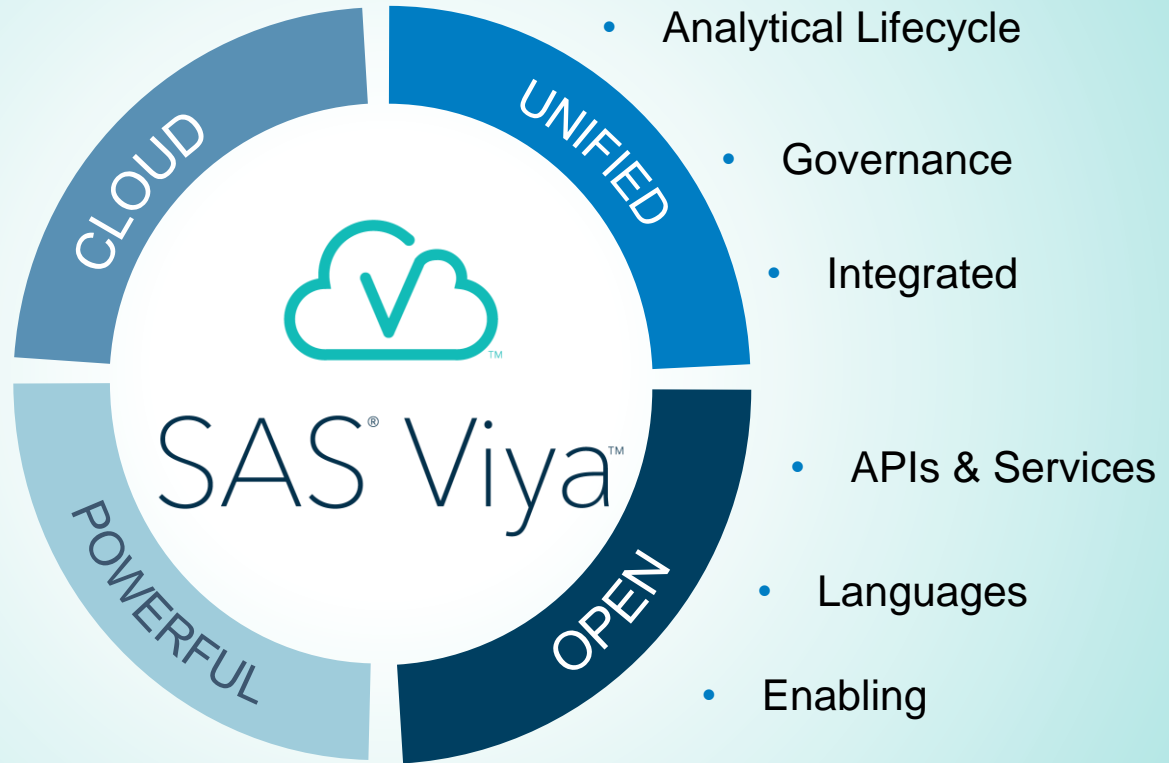
Established Organizations

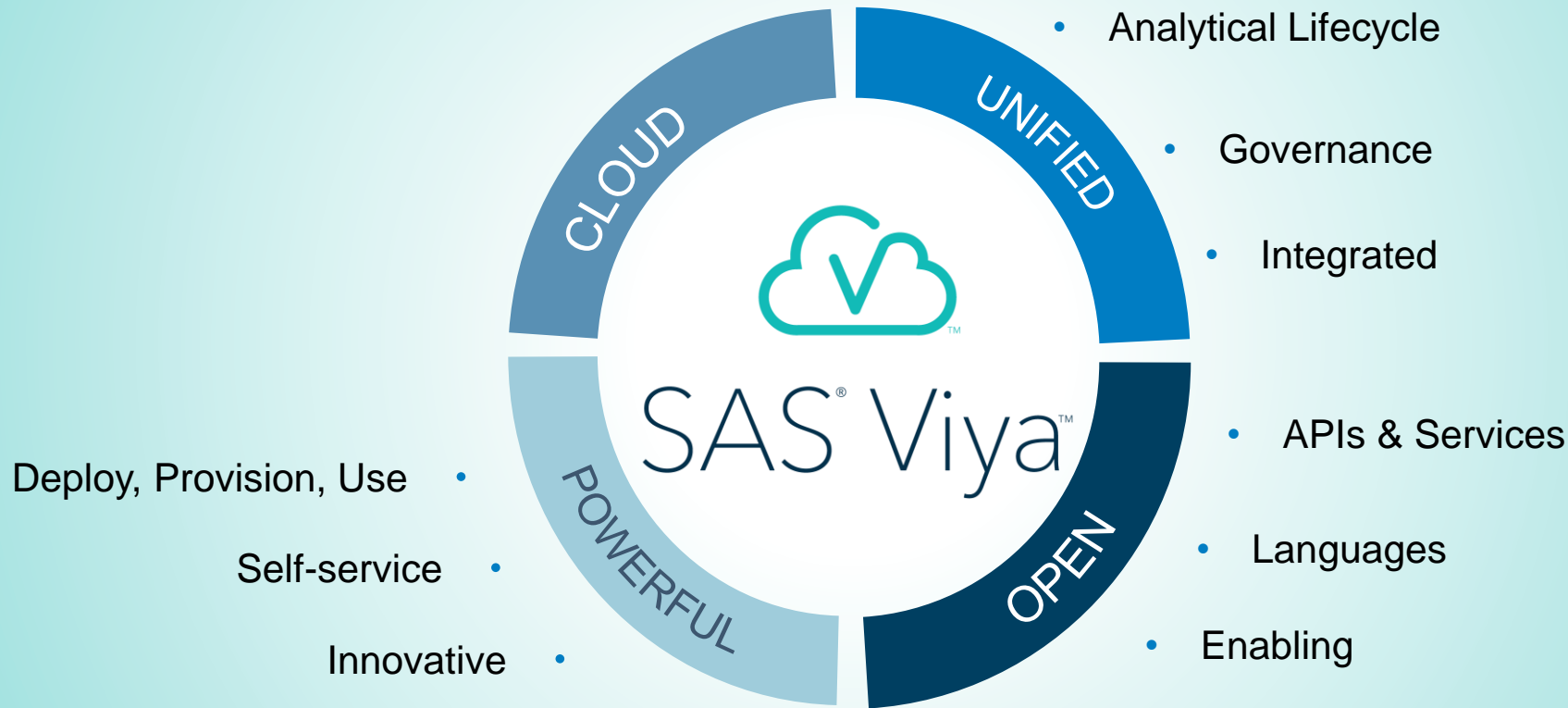
Fuel innovation, maintain success, and avoid risk

- Create new business and engagement models
- Anticipate and address customer needs
- Remain vigilant: efficient, compliant, secure

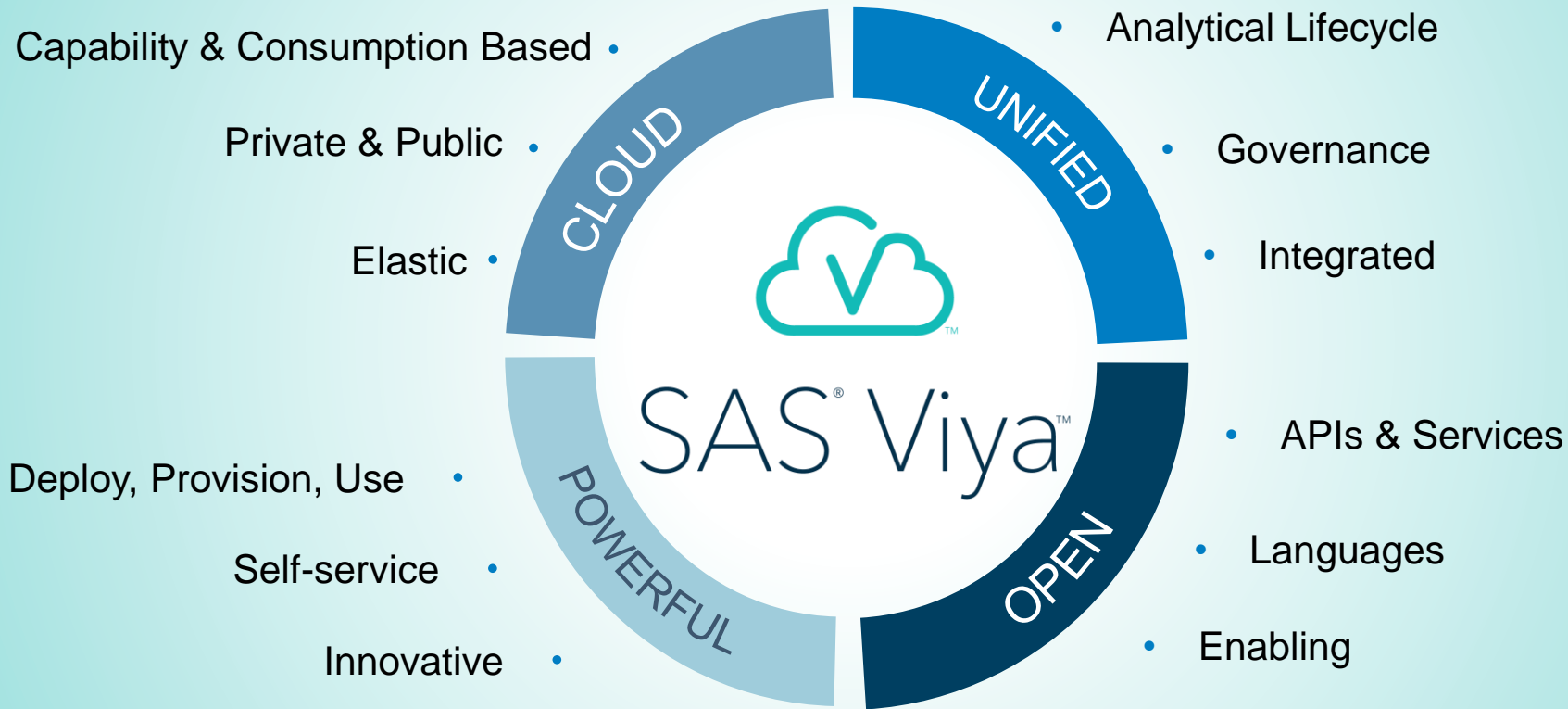


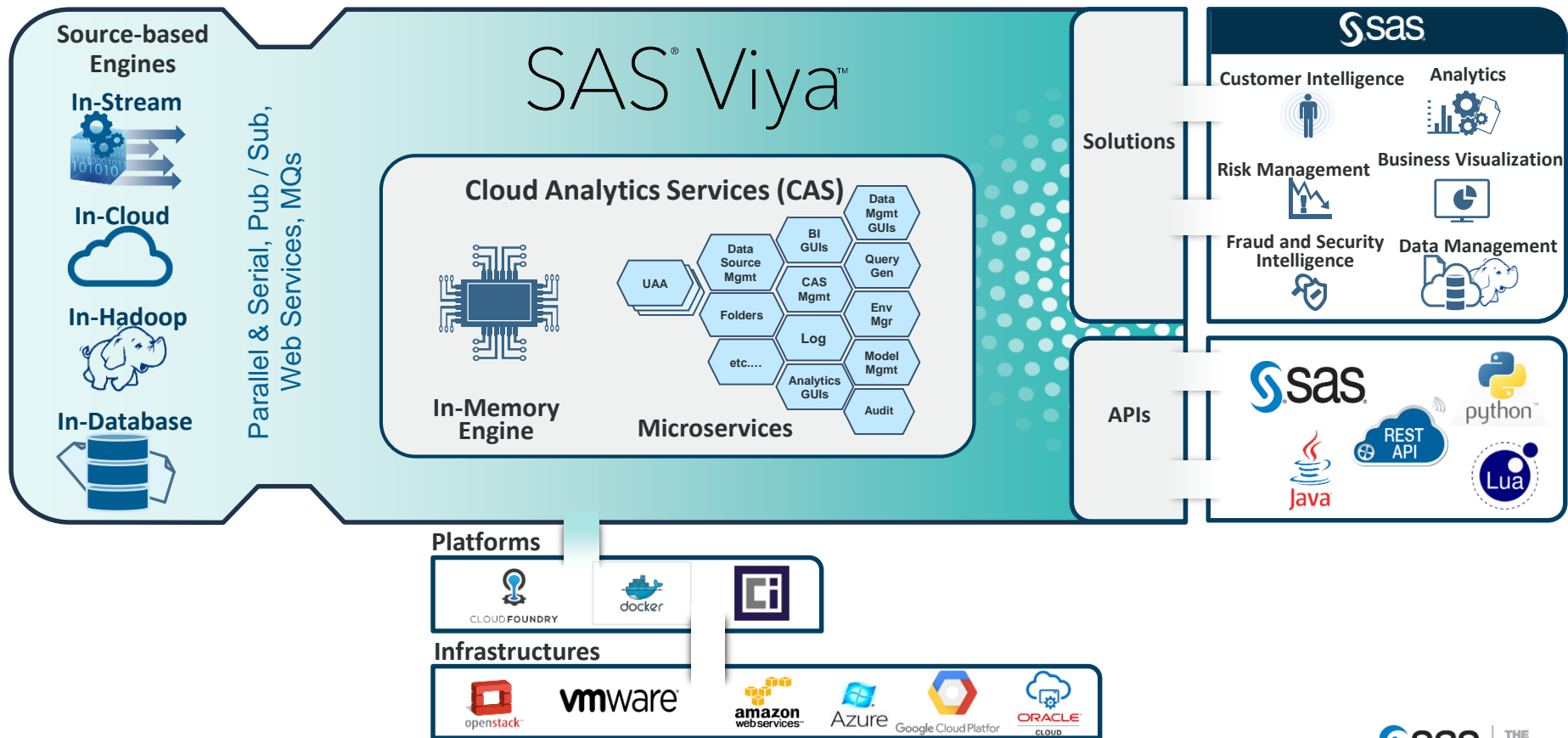
- Analytical Lifecycle
- Governance
- Integrated



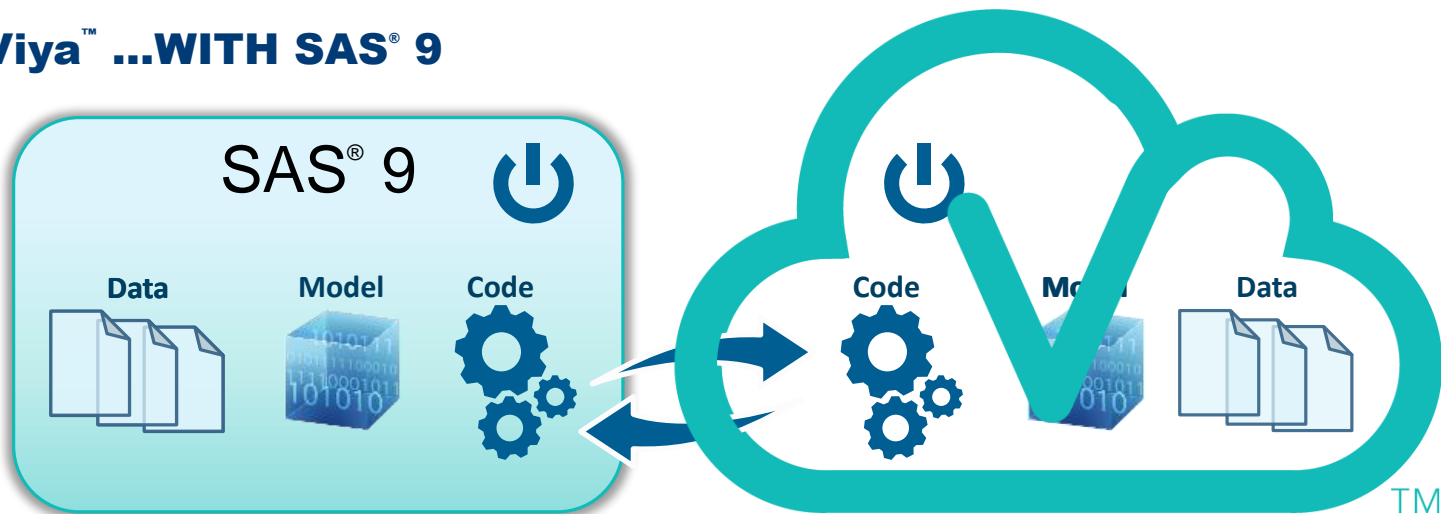


SAS® Viya™ CAPABILITIES AND BENEFITS





SAS® Viya™ ...WITH SAS® 9



Bridging SAS® 9 and SAS® Viya™

- SAS® 9 data accessible within SAS® Viya™
- SAS® Viya™ models publishable to SAS® 9
- Remotely execute code from / to both
- More bridges planned

SAS® Viya™ - DESIGNED TO MEET YOUR NEEDS

Data Scientist



Expand analytic toolkit. Code in the language of your choice. Scale methods without redefining code.

Business Analyst



Easily wrangle data. Interactively interrogate. Discover insights through visual interface.

Domain Expert



Guided workflows. Visual interface accelerate investigations. Analytic intelligence built-in.

Application Developer



Embed SAS analytics in applications. Documented, public REST APIs.

IT Management



Centralized management of analytic assets. One governed environment. Multi-cloud for flexibility. Failover protection.

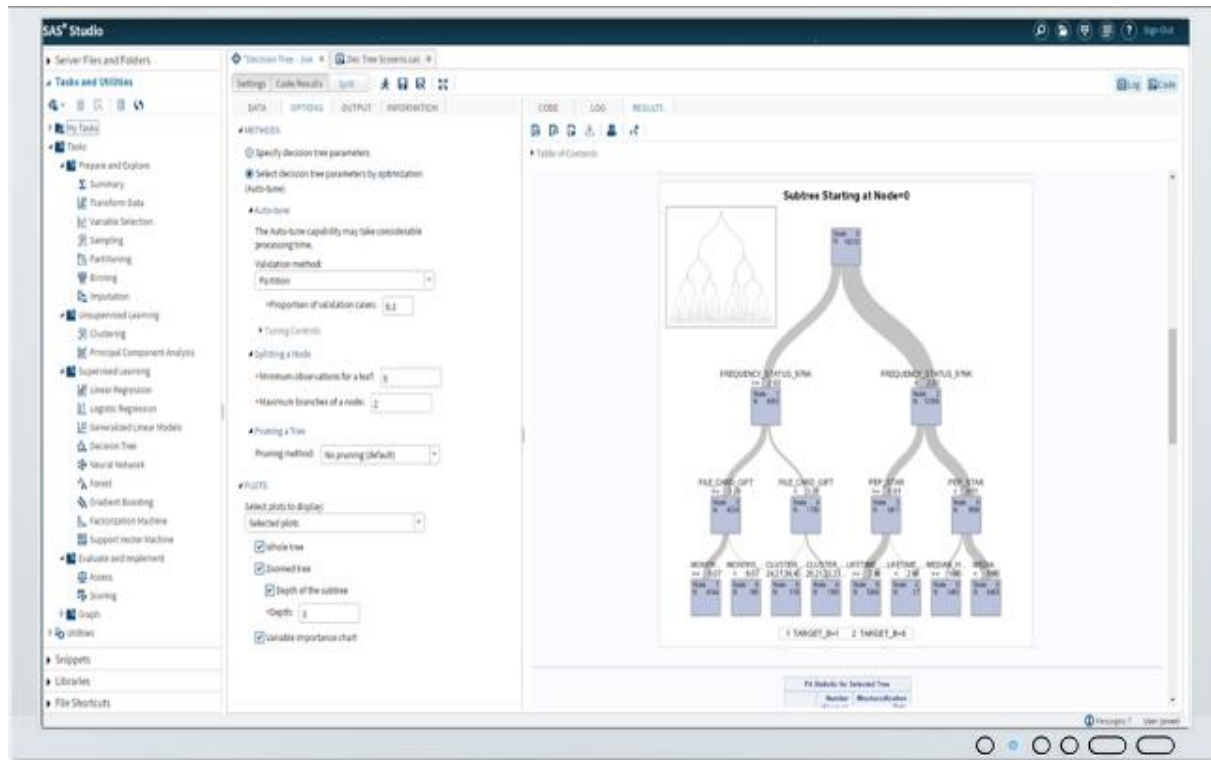
Executive



Consistent, trustworthy answers. Use current hardware and extend existing skills sets. Nurture innovation for production.

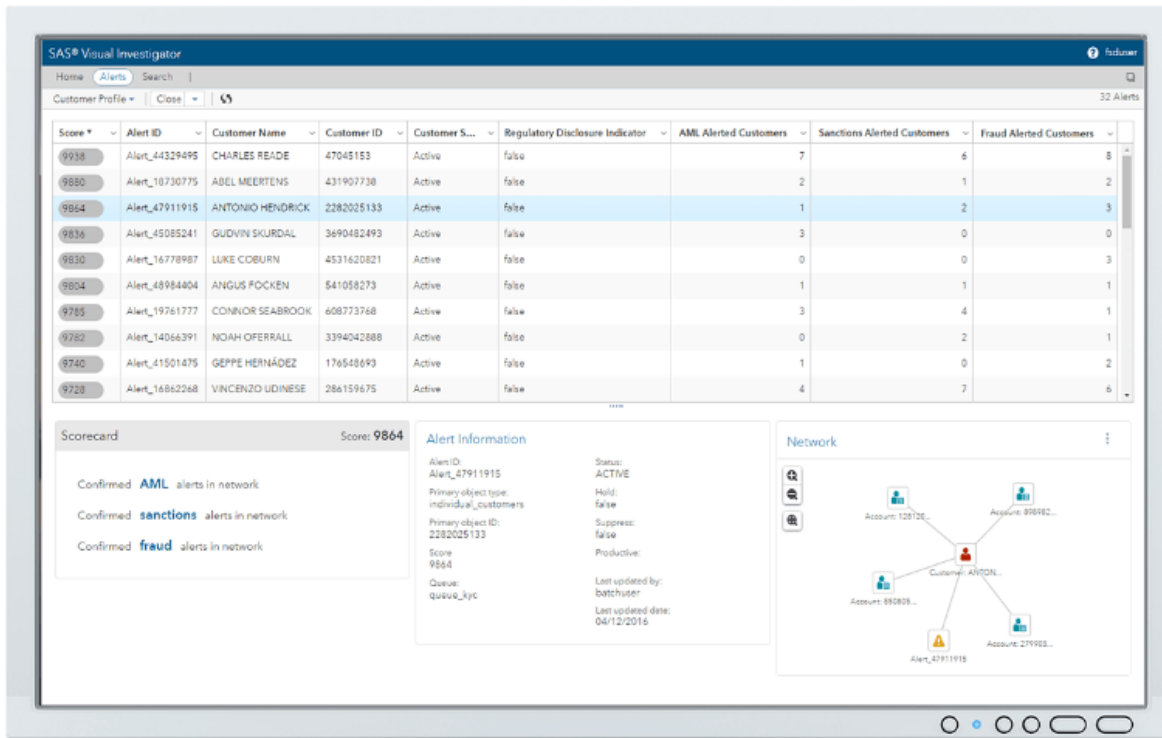
SAS® Viya™ - SAS® VISUAL DATA MINING AND MACHINE LEARNING

- Combines data wrangling, data exploration and visualization, feature engineering and dimension reduction
- Provides advanced unsupervised and supervised learning techniques – with an interactive, web-based programming interface.
- Lets you use your preferred programming language – SAS, Python, Java, Lua
- Enables dramatic performance gains by removing the barriers created by data sizes, data diversity, limited analytical depth and computational bottlenecks.



SAS® Viya™ - SAS® VISUAL INVESTIGATOR

- Interactive, exploratory and investigative analysis solution that makes analytics actionable.
- Enables organizations to take control of their data assets. Integrating and analyzing disparate data, from internal and external sources.
- Empowers Intelligence Analysts to drive decisions with data and advanced analytics.
- Provides organizations with the ability to acquire, analyze, identify, decision and act on events of interest and suspicious activities.



SAS® Viya™ - DATA EXPLORATION AND VISUALIZATION



Modern
HTML5, micro-services based
architecture



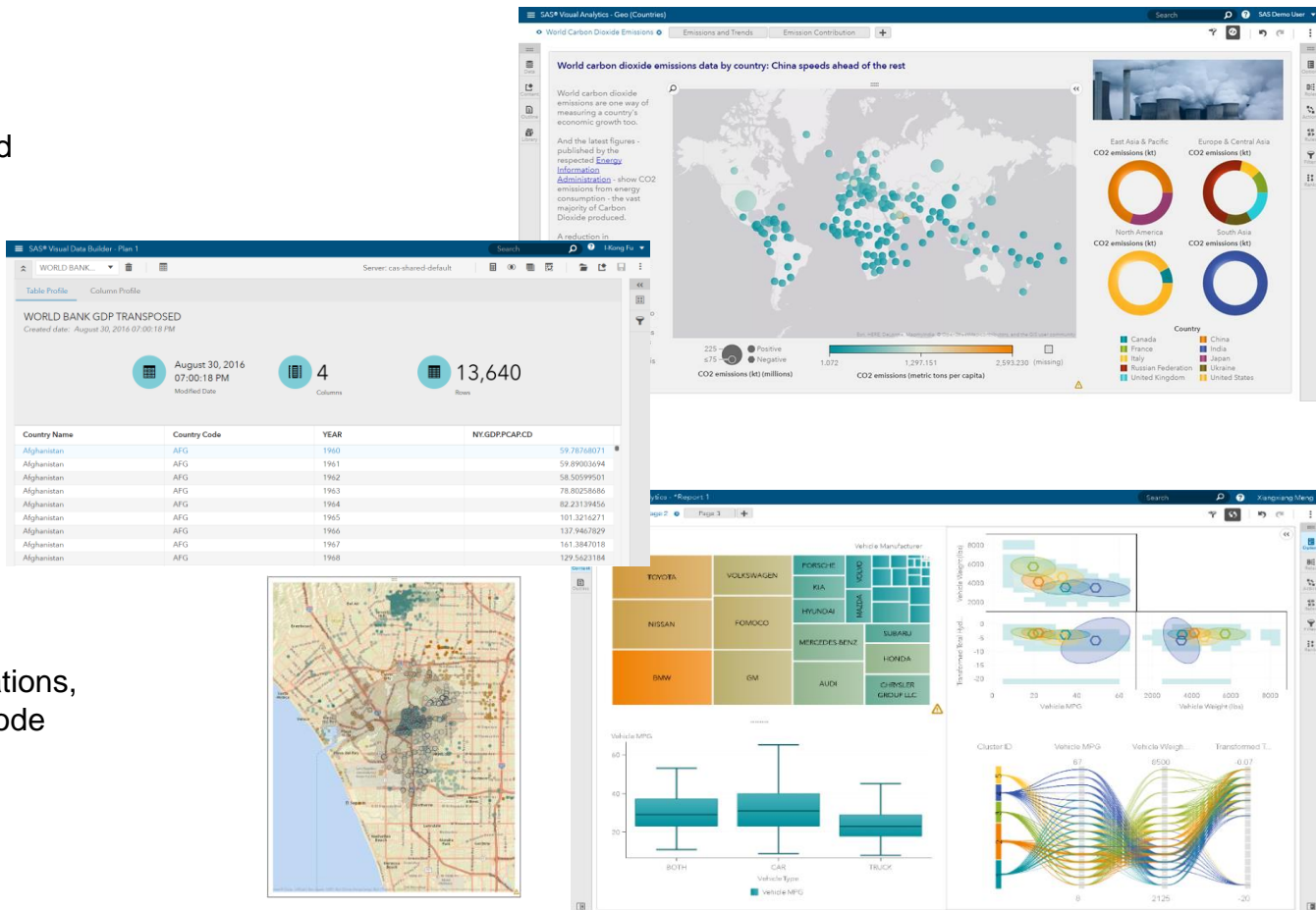
Interactive
Visual and collaborative



Integrated
Data Management +
Business Report + Analytical
Models



Connected
Output predictions, segmentations,
summary tables, and score code



SAS® Viya™ - RECOGNIZED FOR INNOVATION



“SAS Viya was selected as an award winner because it provides an innovative, easy-to-use interface across a variety of business analytic functions including visualization, interactive discovery and advanced analytics.”

David Menninger,
Senior Vice President and Research Director at
Ventana Research.

THANK YOU

WWW.SAS.COM/VIYA



**THE
POWER
TO KNOW®**