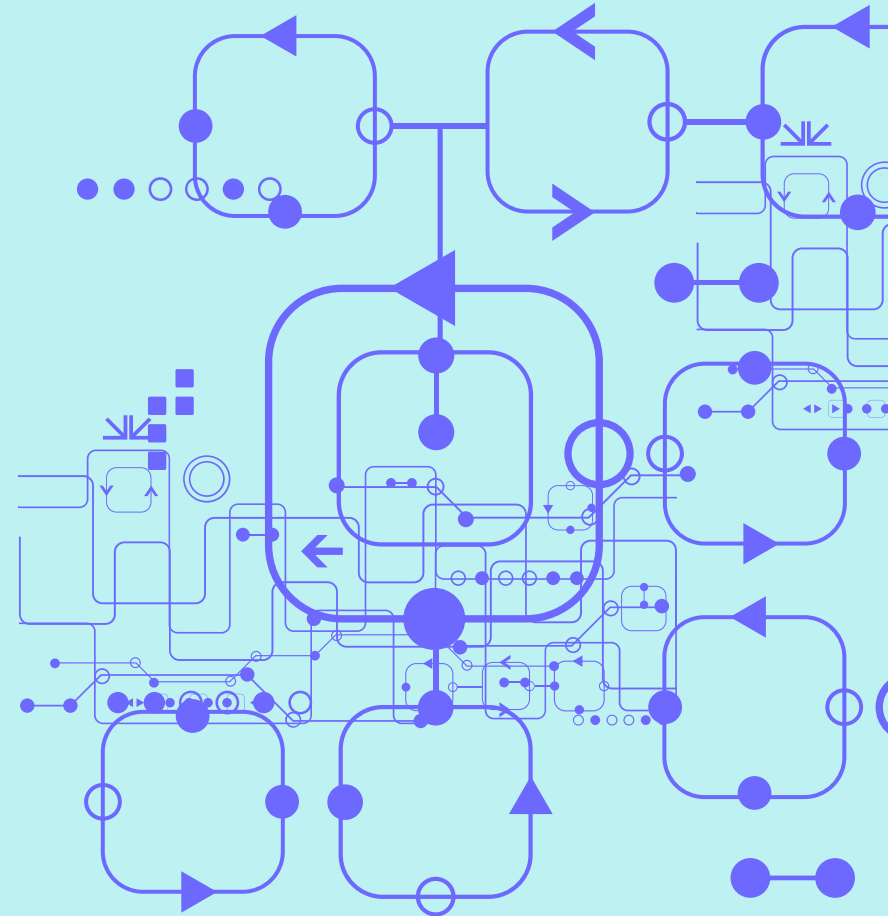




# SAS Viya in an Open ModelOps Ecosystem

Yi Jian Ching

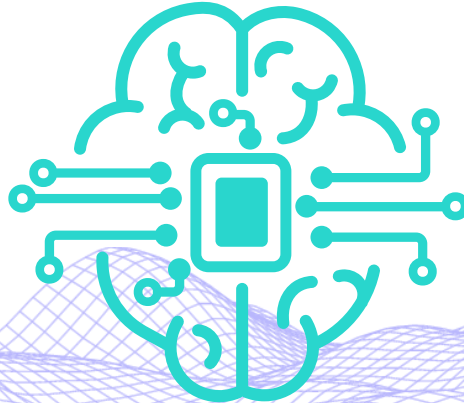


# Market Evolution

BIG DATA



MACHINE  
LEARNING



MODEL OPS



QUESTION



DECISION



# Pillars for Unified Analytics Strategy

**EMPOWER  
EVERYONE**

**SIMPLIFY &  
ORCHESTRATE  
PROCESSES**

**ENSURE  
TRANSPARENCY  
& TRUST**



**Georgia-Pacific**

**Uses SAS® Viya to build, deploy  
and monitor**

**+1900**

**SAS and open-source models,  
leveraging different skills and  
technologies across the open  
ecosystem**



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 Veritas Toolkit	 thisisatest.py	 testing_query	<pre>cas_mcas; caslib_all_assign; *options mprint mlogic symbolgen;  * access the latest ... subj_test.sas</pre>	 Segment_1	 scr_decision_textfile_2...
 scr_decision_2022-08...	 scr_decision_2022-08...	 scr_decision_2022-08...	 scr_decision_2022-08...	 SCR Python	 SCR Decision Test
 Rule_set_5	 Rule_set_4	 Rule_set_3	 Report 1	 QueryDataSource2	 Query DataSource 1
 Plan 3	 Plan 1	 my dog.jpg	 modelScoreAssign	<pre>proc ds2; data Public.Test;   dcl package pyms pm;   dcl package logger   logn('App.tk.MAS');   dcl vcharan(32767)   ... mm_pyscore_test.sas</pre>	 Loan Application Project

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**Loan Application Project**
**3** 
Models **Variables** Properties Files Scoring Performance Workflow History
 Version: **Version 1 (1.0)**
  

<input type="checkbox"/>	Name ↑	Role	Model Function	Project Version	Score Code Type	Algorithm	Date Modified	Modified By	
<input type="checkbox"/>	<a href="#">Gradient Boosting (Python &amp; SAS)</a>		Classification	Version 1 (1.0)	DS2 multi-type	Gradient boosting	14 Aug 2022, 05:33:10 pm	YiJian.Ching@sas.com	
<input type="checkbox"/>	<a href="#">Logistic Regression (Interactive-M)</a>		Classification	Version 1 (1.0)	DATA step	Logistic regression	9 Aug 2022, 03:18:31 pm	YiJian.Ching@sas.com	
<input type="checkbox"/>	<a href="#">Logistic Regression (Python &amp; SAS)</a>		Classification	Version 1 (1.0)	DATA step	Logistic regression	16 Aug 2022, 12:59:46 pm	YiJian.Ching@sas.com	
<input type="checkbox"/>	<a href="#">Python GradientBoosting (Python)</a>		Classification	Version 1 (1.0)	Python	opensrc	16 Aug 2022, 12:59:43 pm	YiJian.Ching@sas.com	
<input type="checkbox"/>	<a href="#">Python LogisticRegression with S</a>		Classification	Version 1 (1.0)	Python	opensrc	15 Aug 2022, 12:18:16 pm	YiJian.Ching@sas.com	
<input type="checkbox"/>	<a href="#">Python GradientBoost</a>		Classification	Version 1 (1.0)	Python	scikit-learn.GradientBoostingClassifier	16 Aug 2022, 03:50:09 pm	sas.api.user	
<input type="checkbox"/>	<a href="#">SAS GradBoost (Python &amp; SAS M)</a>		Classification	Version 1 (1.0)	DS2 multi-type	sascode	14 Aug 2022, 05:33:35 pm	YiJian.Ching@sas.com	
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# Key Takeaways



Accelerate trustworthy outcomes across the analytics lifecycle on an open platform.



Empower your Best Talent multi-disciplinary teams.



Transform processes to use best of breed technology.