

Clinical Programming in the Fast Lane: Accelerating with SAS

SAS Clinical Acceleration

Kim Peplinski, Sr Product Manager





Agenda

1

Introduction to SAS Clinical Acceleration

2

Coffee and Repository Management

3

Focus Time: Writing and Exploring Code

4

Afternoon Pick Up: Batch Runs & Workflow

5

Wrap Up and Shut Down For The Day

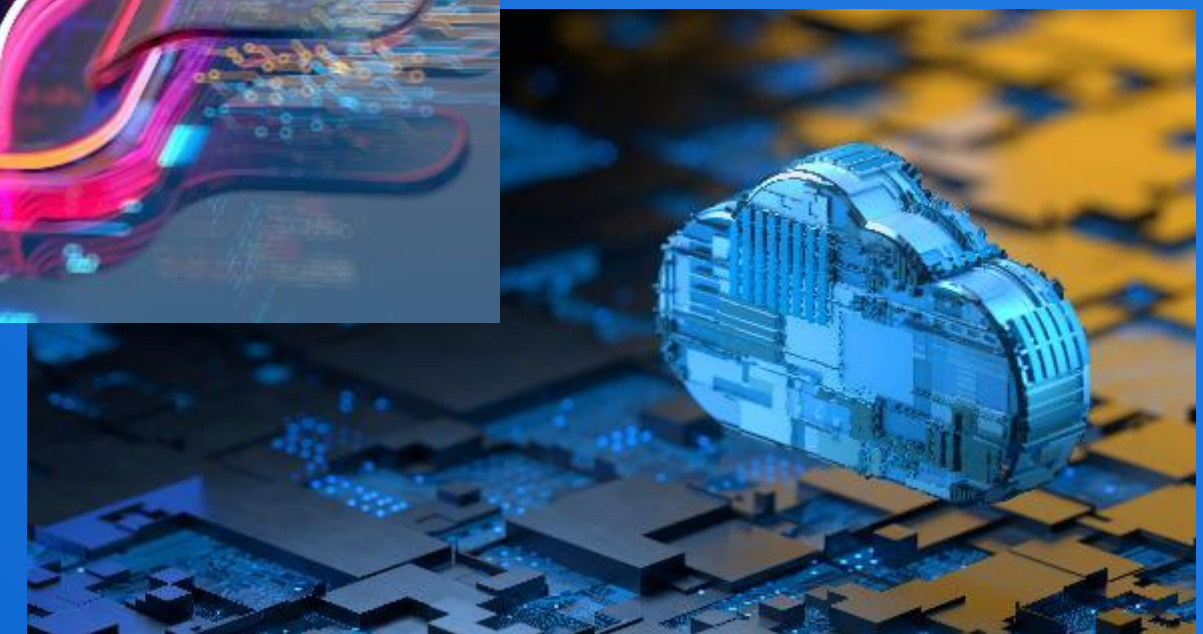
6

Summary

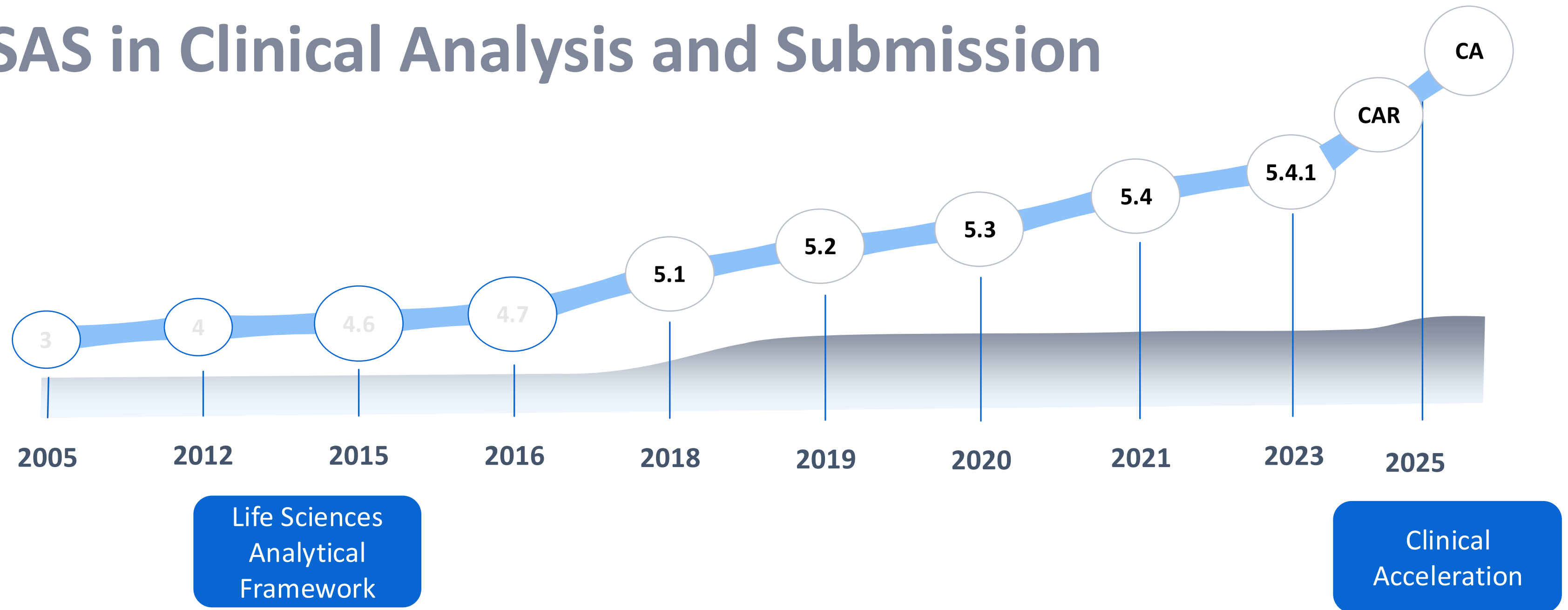
Then



Now



SAS in Clinical Analysis and Submission



20+ years of R&D roadmap

- Stability & increase of functionalities



Different Deployment (Pricing) Models

- Software as a Service
- Single tenant (small and medium) vs. Distributed (large)
- 5 users to > 1500 users

SAS Clinical Acceleration



SAS® Clinical Acceleration

Regulatory-Compliant Enabling Clinical Research SCE built on SAS® Viya

First Coffee

Repository Management



SAS Clinical Acceleration Repository

Clinical Tasks

My Clinical Task Status

Total Clinical Tasks
1

Assigned Clinical Tasks
1

Started Clinical Tasks
0

Unassigned Clinical Tasks
0

My Clinical Tasks | All Clinical Tasks

Text to filter
 🔊 1 clinical task, 1 selected

 👤 Assign 📄 Claim ▶ Start ✓ Complete 🔁 Refresh ⋮ More

☐	Status	Element Name ↑	Name	Clinical Workflow	Context	Assignee	Due Date	Priority
☒	ⓘ	User task	User task	XMB222_Demo	/XMB222	Kim Peplinski (kipepl)	Feb 06, 2026, 04:12 PM	❗ High



10 am Focus Time

Writing and Exploring Code

SAS Studio

SAS® Clinical Acceleration Repository - Repository

Most Recent

Name	Location	
Data	/XMB222	☆
XMB222	/	☆
Programs	/XMB111	★
XMB111	/	☆
CDASH Example	/SDTM Sample	☆

Favorites

Name	Location	
d0_dm.sas	/XMB111/Programs	★
Kim job	/KP - SAS_Job Studio	★
DM	/KP - SAS_Job Studio	★
Programs	/XMB111	★

Repository > XMB222 > Data

4 items

Content Manage

/XMB222/Data

☐	Type	Name	↑	Size	Modified By	Date Modified	Version	Tags	Status		
☐	Folder	ADaM			Kim Peplinski (kipepl)	Feb 03, 2026, 12:53 PM				☆	⋮
☐	Folder	Raw			Kim Peplinski (kipepl)	Feb 03, 2026, 12:53 PM				☆	⋮
☐	Folder	SDTM			Kim Peplinski (kipepl)	Feb 03, 2026, 12:53 PM				☆	⋮
☐	Folder	Unblinded			Kim Peplinski (kipepl)	Feb 03, 2026, 12:53 PM				☆	⋮





SAS Studio

SAS® Studio - Develop Code and Flows

Q

🔔

?

K

New

Options

View

Open

Save All

Open Items

SAS Server

SAS Content

Steps

Snippets

Library Connections

Clinical Repository

Clinical Repository

Open workspace

Name

Repository Status

Repository

Baseline Testing

SDTM Sample

XMB111

XMB222

Start Page

Kipepl Workspace

Workspace > XMB222 > Programs

Filter by name

34 items

Content

Manage

/XMB222/Programs

	Name	Type	Size	Date Modified	Checked-out	Repository Version	Workspace Status
☐	__example_program_analyzer.sas	File	330 bytes	Feb 03, 2026, 01:40 PM		0.1	✓
☐	_run_toc.sas	File	35 bytes	Feb 03, 2026, 01:40 PM		0.1	✓
☐	autoexec.sas	File	2.4 KB	Feb 03, 2026, 01:46 PM	🔒	0.1	⚠ 0.1
☐	create_sum_ae.sas	File	1.4 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	d0_dm.sas	File	5.2 KB	Feb 03, 2026, 01:47 PM	🔒	0.1	⚠ 0.1
☐	d1_ab.sas	File	2.3 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	d1_ae.sas	File	3.6 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	d1_bp.sas	File	1.4 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	d1_cm.sas	File	1.8 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	d1_ex.sas	File	2.6 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	d1_sg.sas	File	1.7 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	d1_smh.sas	File	1.8 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	d1_vs.sas	File	3.3 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	d2_lb.sas	File	1.3 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	formats.sas	File	2.9 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	image (12).png	File	669.5 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	read_sca.sas	File	1.2 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	rlae_scaproc.sas	File	4.2 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	rlae.sas	File	3.9 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	rlcm.sas	File	2.7 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	rldemo.sas	File	2.4 KB	Feb 03, 2026, 01:40 PM		0.1	✓

Kipepl Workspace

Action status

Recover (2)

Submission (0)



Afternoon Pick Up

Batch Runs & Manifest



SAS Clinical Job Management

SAS® Studio - Develop Code and Flows

NewOptionsViewOpenSave All

Open Items

SAS Server

SAS Content

Steps

Snippets

Library Connections

Clinical Repository

Clinical Repository

Open workspace

NameRepository Status

Repository

Baseline Testing

SDTM Sample

XMB111

XMB222

Data

Docs

Macros

Output

Programs

Start PageKipepl Workspace

Kipepl WorkspaceWorkspace > XMB222 > Programs

Filter by name34 itemsContentManage/XMB222/Programs

	Name	Type	Size	Date Modified	Checked-out	Repository Version	Workspace Status
☐	__example_program_analyzer.sas	File	330 bytes	Feb 03, 2026, 01:40 PM		0.1	✓
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☐	d1_cm.sas	File	1.8 KB	Feb 03, 2026, 01:40 PM		0.1	✓
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☐	d1_sg.sas	File	1.7 KB	Feb 03, 2026, 01:40 PM		0.1	✓
☐	d1_smh.sas	File	1.8 KB	Feb 03, 2026, 01:40 PM		0.1	✓
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☐	rldemo.sas	File	2.4 KB	Feb 03, 2026, 01:40 PM		0.1	✓

Action status

Recover (2)

Submission (0)

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A woman with long brown hair, wearing a dark jacket and black leggings, is walking away from the camera on a paved bridge. She is carrying a large red bag. In the background, the Big Ben clock tower and the Houses of Parliament are visible under a blue sky with white clouds. The bridge has a green metal railing on the left side.

Wrap Up & Shut Down

Audit Log Review

SAS Clinical Acceleration

The screenshot displays the 'SAS Clinical Jobs - Schedule' interface. The top navigation bar is blue with a hamburger menu icon, the title 'SAS Clinical Jobs - Schedule', and a user profile icon labeled 'K'. Below the navigation bar, there's a tabbed interface with 'Schedules' and 'DM Run' (active). The 'DM Run' tab has sub-tabs: 'Save', 'Enabled' (active), 'Disabled', and 'Delete'. Below these are four main tabs: 'Details', 'Schedule', 'Future Occurrences', and 'Historic Occurrences'. The 'Details' tab is selected, showing the following information:

- Status:
- Name: DM Run
- Clinical job: [DM_Dataset.cjob](#)
- Version: Latest
- Owner: Kim Peplinski (kipepl)

Below this information, it indicates '1 occurrence' with a refresh icon. A table shows the run details:

Run Date	↑
Feb 03, 2026, 11:58 PM	

A mouse cursor is visible over the table. At the bottom left, there are navigation icons: a double right arrow '»', a checkmark, and a warning icon with a red dot.

Summary

THE CHALLENGE



Clinical programming isn't harder – everything around it is.

- Exploding data volumes
- More systems, tools and handoffs
- Constant context switching
- Increasing compliance and audit pressure
- Faster timeline, zero tolerance for mistakes

THE IMPLICATION



Time is lost on repetitive and non-critical tasks.

- Effort spent on setup, governance and coordination
- Manual tracking of versions, runs and lineage
- Risk increases as complexity grows
- Harder to concisely explain who, what, when and why

WHAT SAS OFFERS



The Clinical Acceleration difference.

- Comprehensive platform
- Built in versioning, lineage, and auditability
- Standards and batch execution without friction
- Flexible enough for today, ready for what's next
- Powered by SAS Viya for scale, collaboration, and growth

Questions

