



Variations on a Theme

Let Me Count the Ways We
Do Things Differently to
Achieve the Same Goal

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ABSTRACT

All biometrics groups within our industry are supposedly “**doing the same thing**” when it comes to transforming data, creating analyses, and validating their submissions deliverables, yet there seems to be endless imagination & creativity applied to ensure that every group in every company adopts a **different process** and means of achieving the same goal!

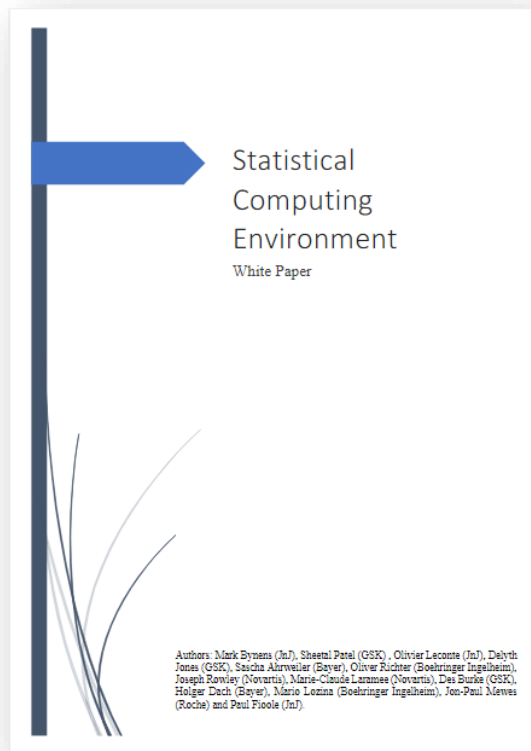
This paper highlights and discusses the *common* goals and *divergent* processes, offers an interactive presentation which includes real-time **comparisons of approaches** from attendees, and concludes with recommendations for achieving greater

industry **harmony** and **efficiency**, along with **lower costs**.

There are no explicit **industry standards** for folder hierarchies, common code, versioning and security models, so there's no “right” OR “wrong” way.

This paper interactively compares many of the approaches taken across industry and concludes with recommendations encouraging an increasing amount of **cross-industry consistency**.

WHAT DOES THE INDUSTRY SAY THEY NEED?



User Experience



Workflow Management



Scalability



Collaboration



Programming Language Agnostic



Automation

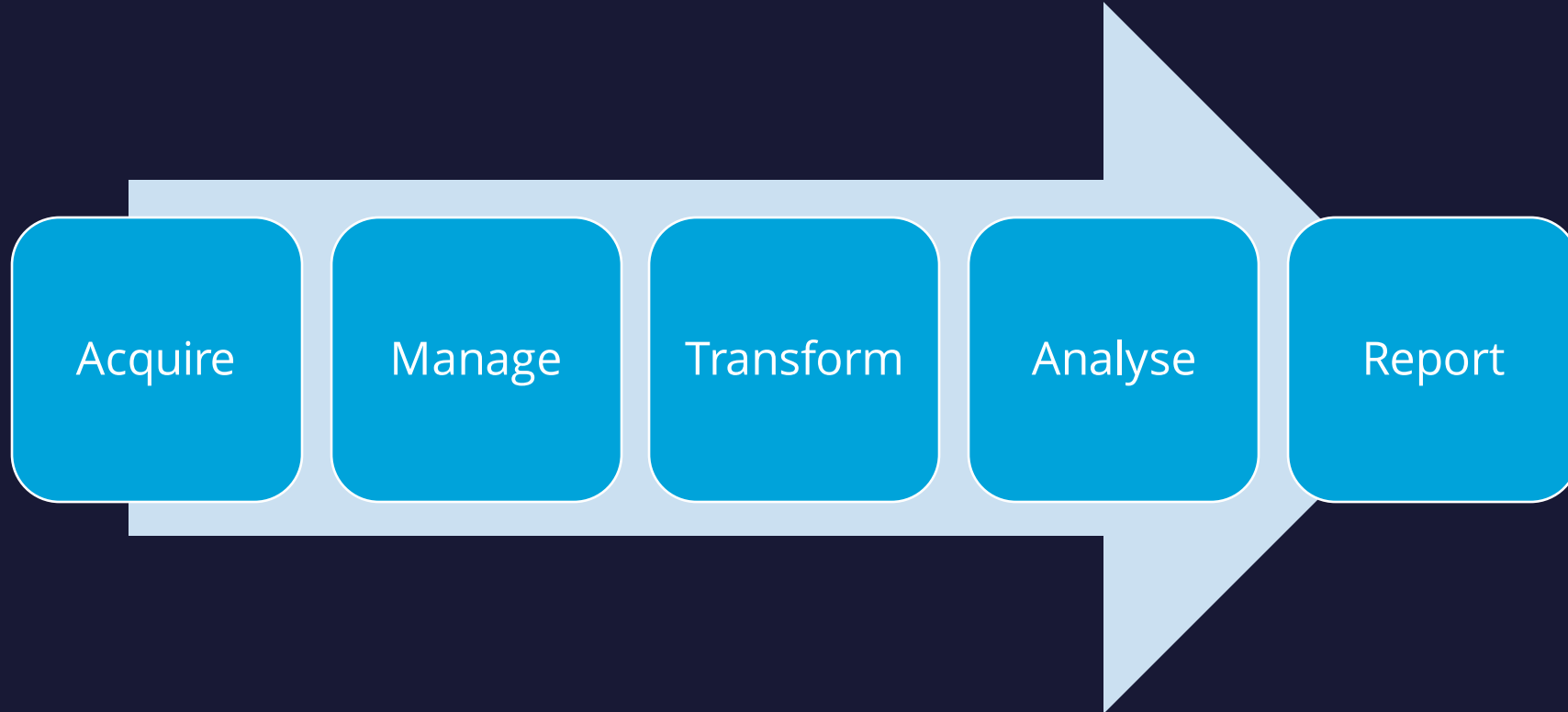


Seamless Integration



High Performance

THE SAME PROCESS



AGENDA

- One goal, many routes. Really?
 - Highlight the differences
 - What creates these differences?
- Understand the differences
 - Let's have a chat
 - What do you do? Why?
- What can we agree on?
 - What's the one thing you'll converge on?
 - Where's the convergence point?

ONE GOAL, MANY ROUTES

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Folder hierarchies

- Different levels
- Order of flow from level-to-level

Security models

- Role-based model
- Group-based
- Permissions on groups or individual files

Versioning

- Code and/or data
- Branching and merging
- Centralised or decentralised

Process

- Sequence of QC events
- RBQM
- Raw, SDTM, ADaM, TLFs

Project management

- Excel, MPP, Kanban
- Reporting of status & completion

Snapshots

- Physical copy
- Tagging

Allocation of libraries

- Relative or absolute
- Study setup macro

Ingestion of raw data

- Push or pull
- Frequently or infrequently

Common code

- Macros or %include
- Specific releases
- Management of parameters

File flow

- Move from dev to QC to Prod
- Change of status

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Biz Process

- File flow
- Versioning
- Project management
- Snapshots
- Ingestion of raw data

Coding Process

- Allocation of libraries
- Common code

Environment

- Folder hierarchies
- Security models

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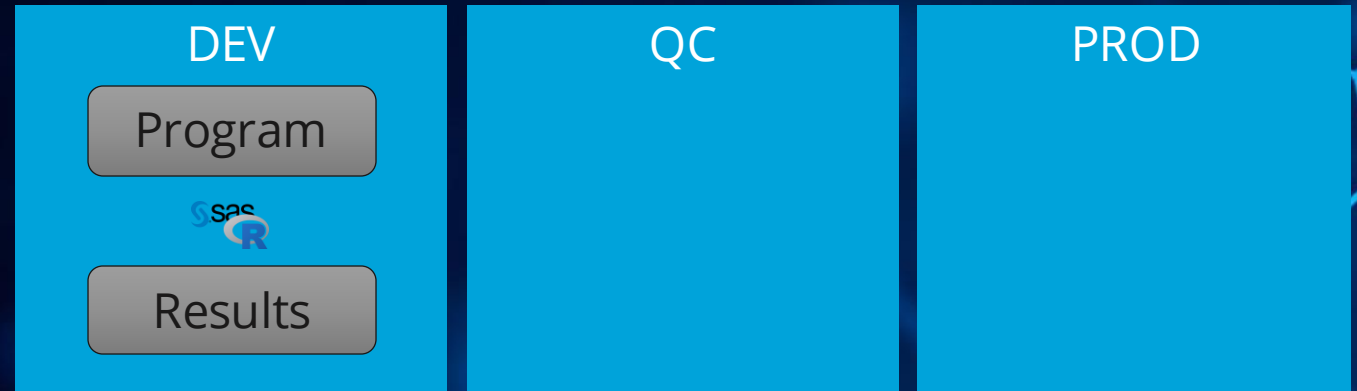
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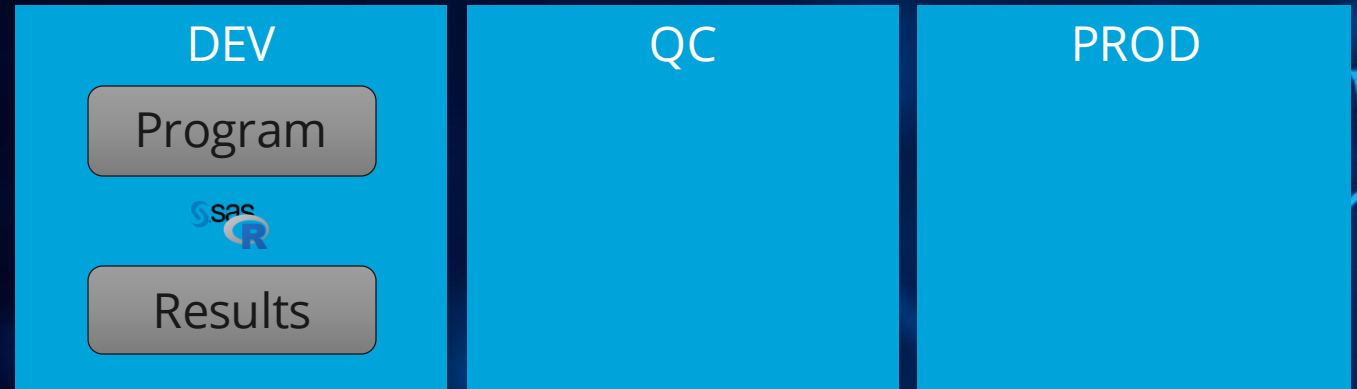
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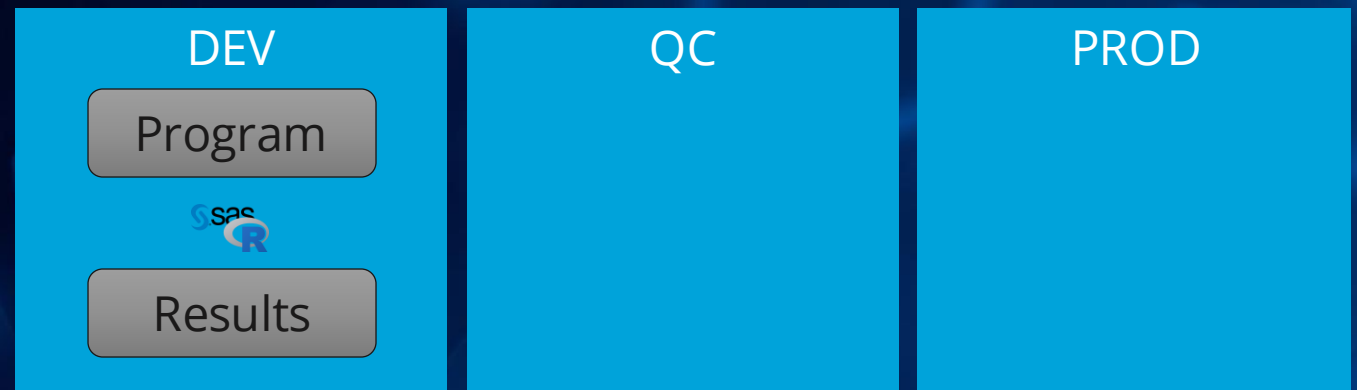
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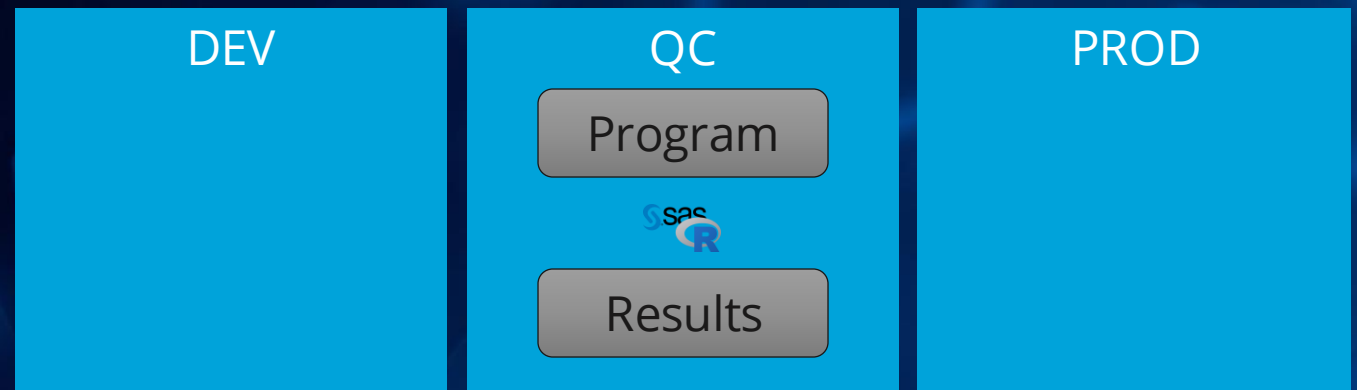
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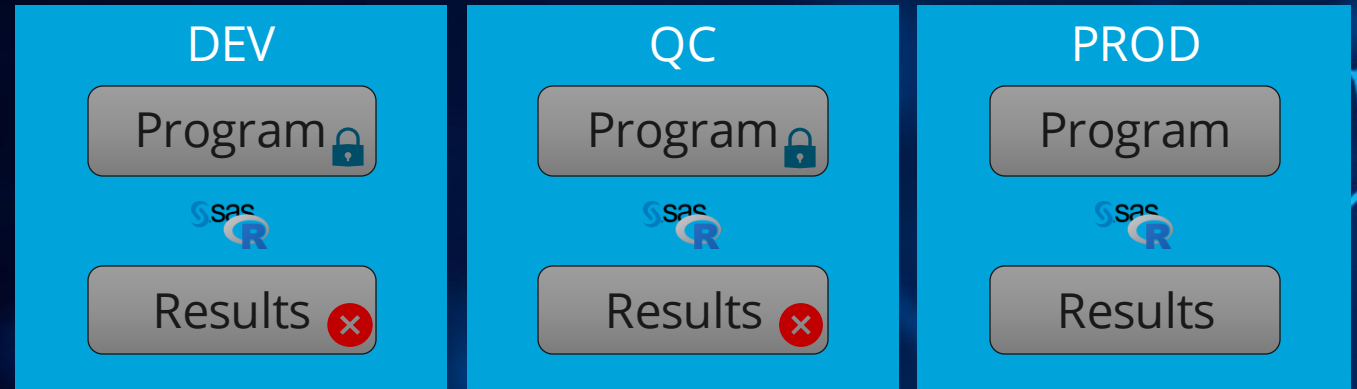
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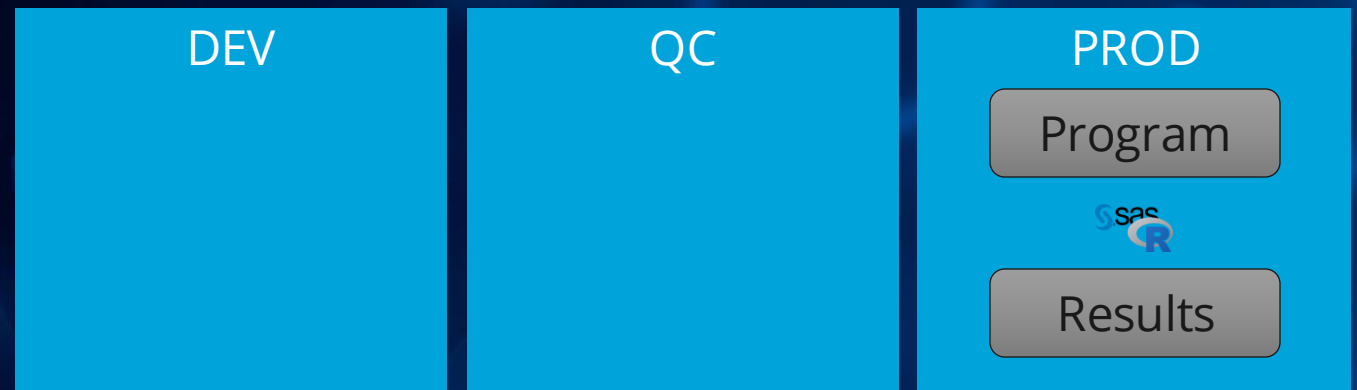
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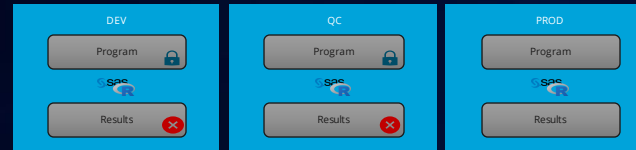
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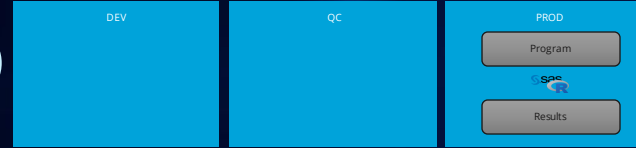
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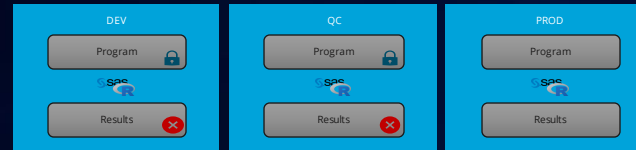
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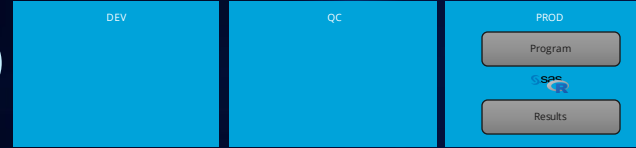
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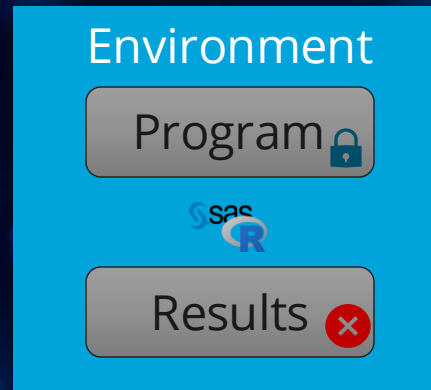
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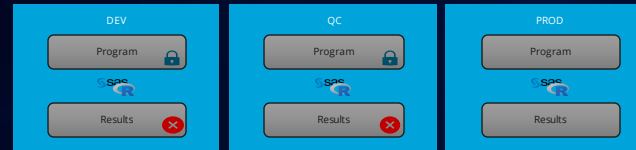


Ready for QC

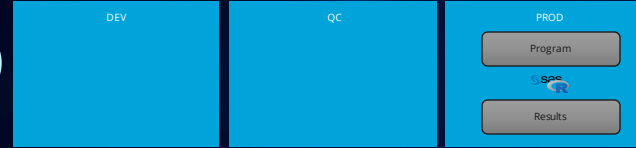
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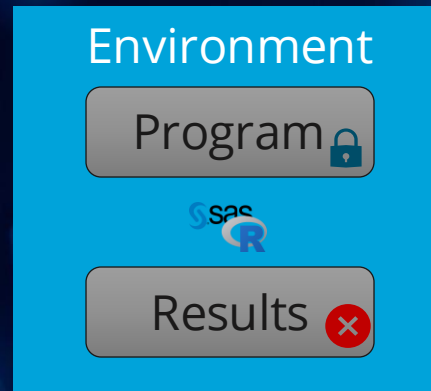
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QC Approved



CODING PROCESS

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 - Specific releases
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Next steps...

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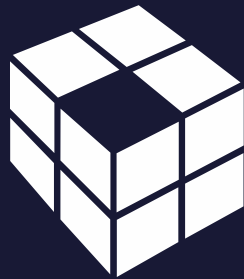
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THANKS FOR LISTENING

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