



# ASK THE EXPERT

## 3 Approaches to SAS<sup>®</sup> Cloud Migration

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## Adam Hughes

### Senior Manager of Consulting, SAS

Adam has more than 24 years of experience in the analytics industry and has worked with some of the largest banks in the world. His understanding of analytics capabilities, each system's intricacies and corporate processes give him a unique perspective on how to get things done. Adam currently leads a team that enables and energizes SAS customers to achieve the best results.

## Christiana Lycan

### Principal Product Manager, SAS

Christiana has extensive experience in the software industry, partnering with customers to transform business challenges into software solutions. Her current focus is guiding SAS customers through their migration experiences.



U s e C a s e

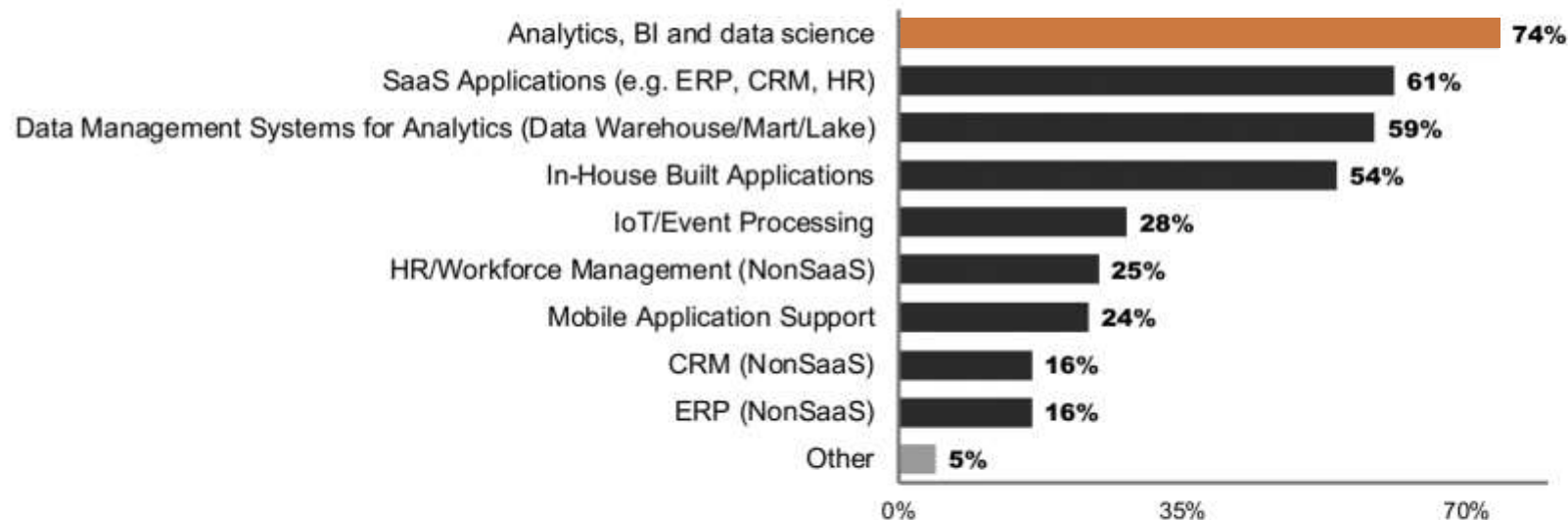


Competitive



# Close to Three-Fourth Currently Use or Plan to Use Cloud for Analytics, BI and Data Science

Migration to Cloud  
Multiple Responses



n = 85 All respondents; Excluding 'Not Sure'

Q01. Which of the following use cases are in the cloud or planning to be moved to the cloud?

Source: 2020 Gartner Cloud Data & Analytics

Gartner Research Circle members (One Circle)

Options



Decision



Perspective





# Use Case

Which cloud?

What target?

What Configuration?

What content?

Best Approach?







ACME

A man with a shaved head, wearing glasses and a brown and black plaid shirt, is smiling. Above him is a large orange thought bubble containing the text "Which cloud provider should I choose?".

Which cloud provider  
should I choose?



*Which cloud provider should I use?*

## SAS Cloud

Hosted Managed Service on Microsoft Azure

## Microsoft Azure

Public Cloud Provider

## Amazon Web Services

Public Cloud Provider

## Google Cloud Platform

Public Cloud Provider

## RedHat OpenShift on VMWare

Private Cloud



What do I need to define so  
that my new SAS  
environment is set up the  
way I want?



ARCHITECTURE



STORAGE



SECURITY



USERS



DATA



CONTENT



ARCHITECTURE



STORAGE



SECURITY



USERS



DATA



CONTENT





ARCHITECTURE



STORAGE



SECURITY



USERS



DATA




CONTENT



A man with a shaved head, wearing glasses and a brown and black plaid shirt, is smiling. To his left is a large orange thought bubble containing the text "Which content will I take to the cloud?".

*Which content will I  
take to the cloud?*



Use SAS 9 Content  
Assessment to know  
what exists on SAS 9.4!





ACME

Some Time  
Later...



**Planning for a move to the cloud ensures that the expected benefits of cloud adoption are realized.**



SAS 9 or SAS Viya? Which  
should I choose?



1

SAS 9 then  
SAS Viya

2

SAS Viya

3

Hybrid  
SAS 9  
&  
SAS Viya



3

### Hybrid – SAS 9 & Viya

Move to the cloud with a measured strategy – moving project by project.

2


### SAS Viya

A clean slate. Move to the cloud with a new environment.

1

### SAS 9 then SAS Viya

Keeping the core of your existing environment consistent during your transition to cloud. Then moving to Viya when the time is right.

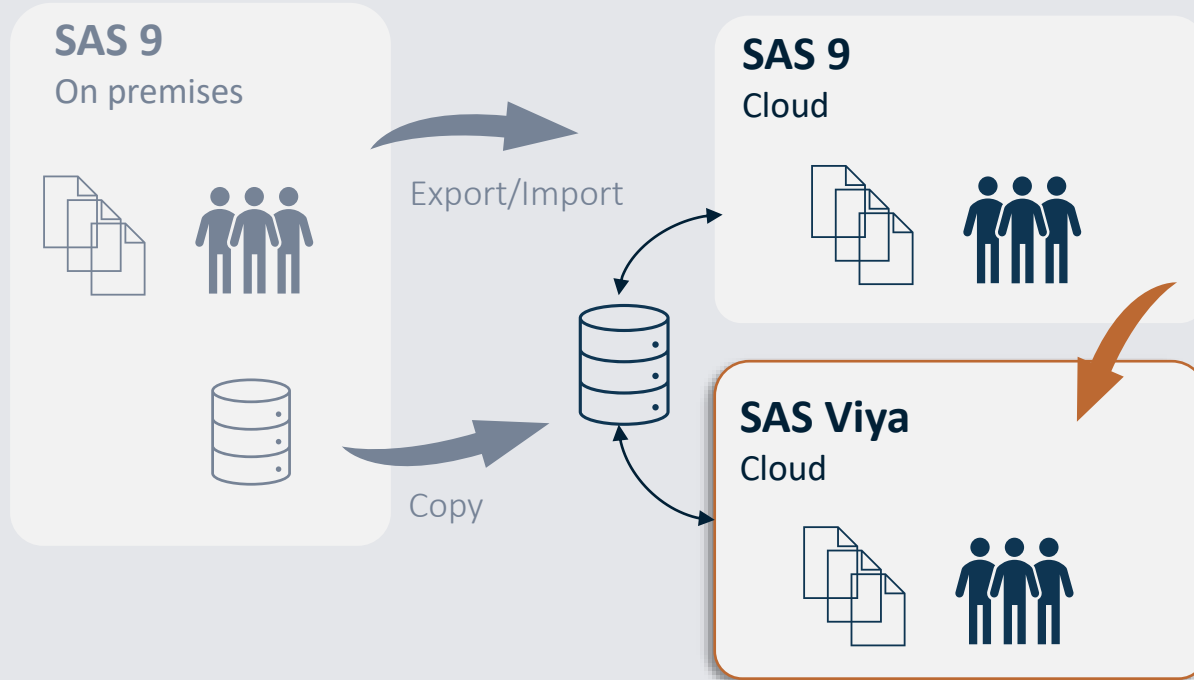
A man with a shaved head, wearing glasses and a brown and black plaid shirt, is smiling. Above him is a large orange thought bubble containing the text "Should we move SAS 9 to the cloud?".

Should we move  
SAS 9 to the cloud?

1

## SAS 9 then SAS Viya

Keeping the core of your existing environment consistent during your transition to cloud. Then moving to Viya when the time is right.



1

## SAS 9 then SAS Viya

Keeping the core of your existing environment consistent during your transition to cloud. Then moving to Viya when the time is right.

### The Belief

Many people believe that a lift and shift to the cloud results in cost savings and added value.

### The Reality

There is little value to be gained by simply giving your SAS 9 environment a new home.  
( No new capabilities, new interfaces, new data sources)

### The Process

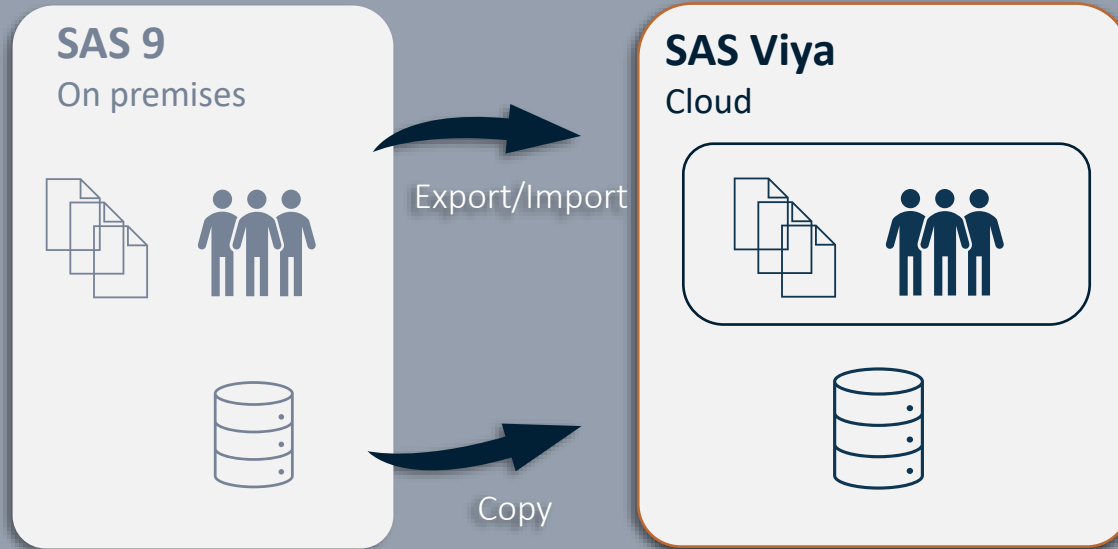
While a lift and shift is perceived as 'easy' the fundamentals of a migration still need to be addressed.  
(Preparation, Planning, Testing...)

A man with a shaved head, wearing glasses and a brown and black plaid shirt, is smiling. Above him is a large orange thought bubble containing the text "Should we move to SAS Viya in the cloud?".

Should we move to  
SAS Viya in the cloud?

# SAS Viya

A clean slate. Move to the cloud with a new environment.



## SAS Viya

A clean slate. Move to the cloud with a new environment.

### The Belief

Migrating in one big project will be the most efficient way to meet the goal of getting to the cloud.

### The Reality

While making the leap in one step will achieve many goals, there will be a learning curve for the end users that needs to be accommodated for.

### The Process

As with any migration project the key is the preparation. Ensure that your users are well prepared as well as your technology decisions.

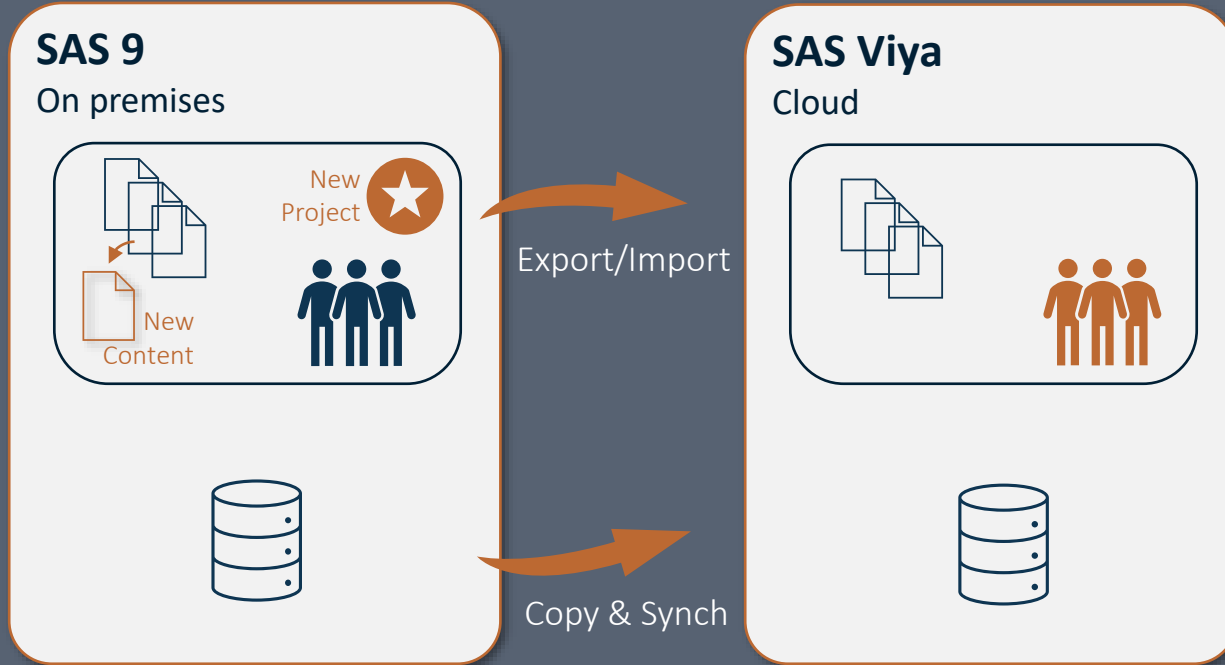
Should we **slowly** move to  
SAS Viya in the cloud?





# Hybrid

Move to the cloud with a measured strategy – moving project by project.



## Hybrid

Move to the cloud with a measured strategy – moving project by project.

### The Belief

Moving to the cloud in a measured fashion will make everybody happy. There's no big rush, we can grow into the migration.

### The Reality

This, measured, migration will take longer and will incur additional costs. In addition, not many LOBs or projects will want to be first.

### The Process

Not all LOBs or projects can be neatly divided up for migration. Sometimes the lines are blurred, and you'll have to migrate more than you planned at the same time.

3

## Hybrid

Move to the cloud with a measured strategy – moving project by project.

2

## SAS Viya

A clean slate. Move to the cloud with a new environment.

1

## SAS 9 then SAS Viya

Keeping the core of your existing environment consistent during your transition to cloud. Then moving to Viya when the time is right.

Competitive



Options



Decision



Perspective







# Q&A

Please submit your questions using the Q&A icon located in the menu at the bottom of your screen



# Explore Helpful Resources

## [Ask the Expert](#)

View other user webinars that provide insights into using SAS products to make your job easier.

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Learn from home – free for 30 days. Get software labs to practice and online support if needed.

## [SAS Support Communities](#)

Ask questions, get answers and share insights with SAS users.

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An exclusive platform to collaborate, learn and share your expertise. Gain access to a diverse network to advance your career. Special rewards and recognition exclusively for SAS users.

## [SAS Users YouTube Channel](#)

A plethora of videos on hundreds of topics, just for SAS users.

## [Newsletters](#)

Get the latest SAS news plus tips, tricks and more.

## [Users Groups](#)

Meet local SAS users, network and exchange ideas – virtually.

## [SAS Profile](#)

If you haven't already done so, create your SAS Profile to access free training, SAS Support Communities, technical support, software downloads, newsletters and more.



Thank you  
for joining us for  
this SAS webinar