



BECOMING DATA DRIVEN THROUGH INNOVATION

OUR JOURNEY TO THE CLOUD

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WHO ARE WE?

We are a diversified international private healthcare services group, established in South Africa in 1983, with divisions in Switzerland, Southern Africa (South Africa and Namibia) and the Middle East. Our core purpose is to enhance the quality of life.



WHY DID WE MOVE TO VIYA 4? WHAT WERE OUR PAIN POINTS?

- Slow speed to insight due to centralization
We were just too slow
- Data Privacy Compliance
Healthcare data cannot move outside the country of jurisdiction
- We wanted to deliver patient facing analytics
Healthcare providers use analytics to deliver expertise you can trust at the patient bedside



THE GAMEPLAN

HOW DO WE MOVE TO THE CLOUD?

- Expand & restructure the team
 - We needed a presence in the UAE & Switzerland
- Move our data to the cloud
 - Create SQL Server in Azure and adjust data flows
- Decide on how to deploy SAS
 - What would be the cheapest & fastest way to deploy SAS?
 - What would be the least painful 'migration'?



DEPLOYING VIYA 4 IN AZURE

TERRAFORM APPLY; TERRAFORM DESTROY

- Size & Architect

Ask SAS!

Get your IT team involved as early as possible (especially Networking!)

- Deploy the infrastructure

Get a Microsoft Partner that fits your needs

Use SAS-IAC: you don't have to get it right the first time



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- Deploy SAS

Get SAS to assist you and your partner

Ensure that your licensing is in order for Viya 4

Start basic then optimize



Maestro

GOING FORWARD

WHAT NEXT?

- Optimize!
 - Tune hardware and software for best results
 - Move from SAS Base to CAS
 - Auto-scaling on Kubernetes
- Integrate open source
 - Move seamlessly between Python and SAS
- Enable & empower employees through self-service analytics
 - The possibilities in the cloud are limitless
 - Investigate Synapse, Data Fabrics, Data Meshes...

