



How to drive platform ownership and administration at scale with SAP Analytics Cloud

Frederik Platz, Vestas Wind Systems A/S

SAPinsider
2023



In This Session

- Learn how to use the administrator role in SAC to drive a self-service strategy.
- Understand how to actively use roles & responsibilities
- Discover how to ensure that business needs are at front of what you are doing in IT

Agenda

- Vestas and Vestas' Data Landscape
- Meet Bob From Supply Chain
- Our Journey With Self-Service Analytics
- Wrap-Up - Where SAC Wins Compared to Other Front-End Tools



Vestas Wind Systems A/S



+84,000

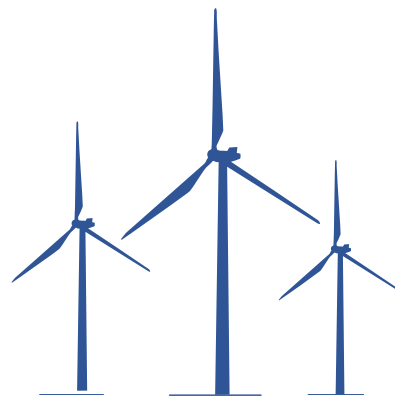
We have more than
84,000 turbines or
more than 160 GW of
installed wind power
capacity in 88
countries across all
continents

Vestas Wind Systems A/S



+84,000

We have more than 84,000 turbines or more than 160 GW of installed wind power capacity in 88 countries across all continents



+55,000

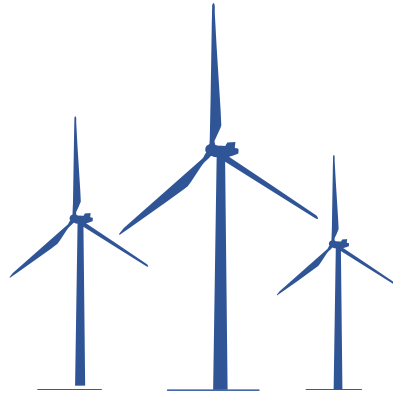
We have more than 55,000 combined turbines under service, or more than 140 GW

Vestas Wind Systems A/S



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+29,000

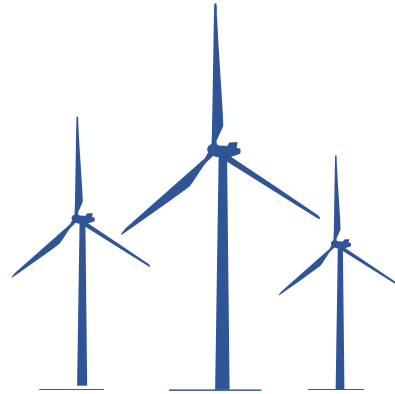
We employ more than 29,000 people worldwide and have 40 years of experience with wind energy

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+14bn

Vestas' revenue for the full year 2022 was EUR 14.5bn

Vestas' System Landscape – High Level



Source Systems

- SAP ECC
- Salesforce
- Windchill
- Others



Data Storage

- BW/4HANA
- ADLS
- SQL Server
- Others



Data Exploration

- SAC
- BEx Web
- AFO
- Power BI

Vestas' System Landscape – High Level



Source Systems



Data Storage

BW/4HANA



Data Exploration



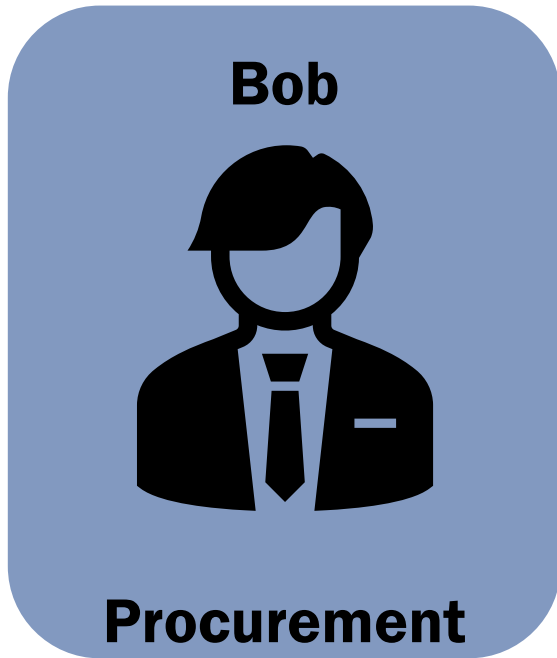
+ 3,500 Unique
Users a Month

SAC

BEx Web

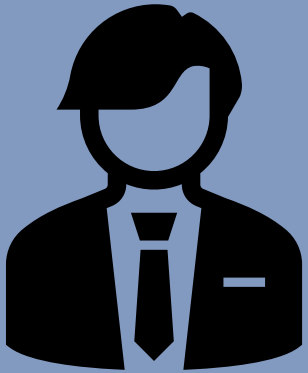
AFO

Meet Bob From Procurement



Meet Bob From Procurement

Bob



Procurement

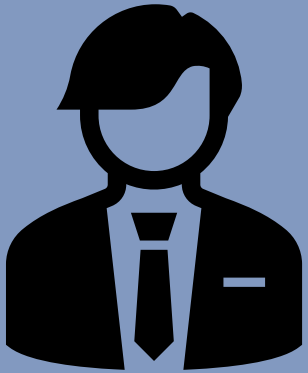
Ninna



Finance

Meet Bob From Procurement

Bob



Procurement

Ninna



Finance

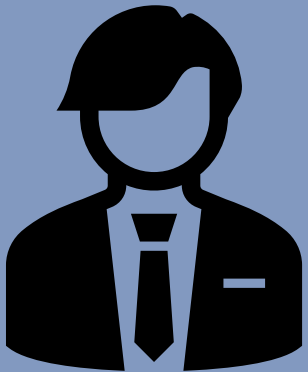
Tom



Supply Chain

Meet Bob From Procurement

Bob



Procurement

Ninna



Finance

Tom



Supply Chain

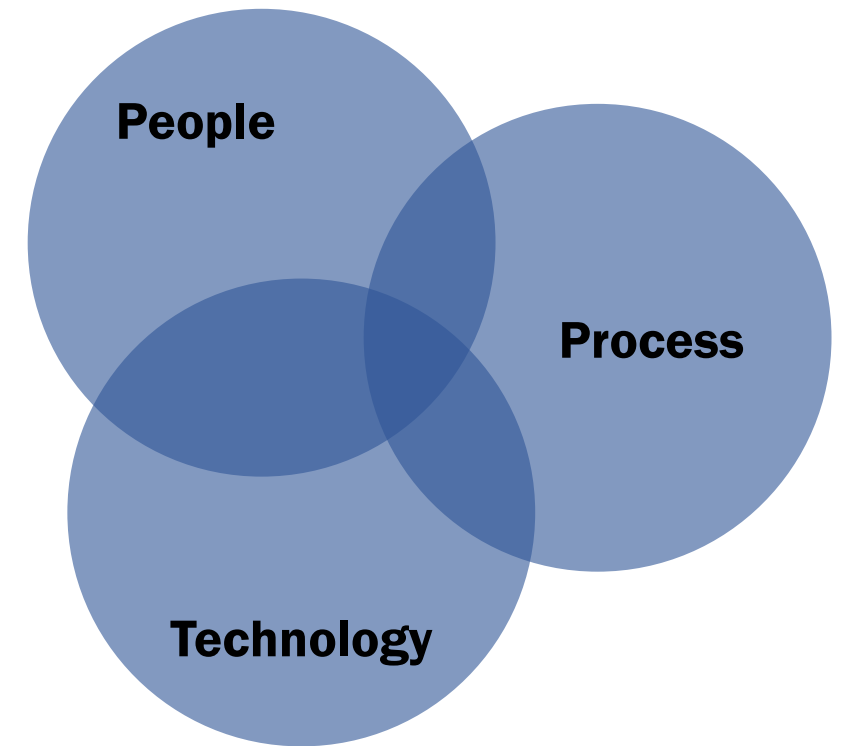
Marie



IT

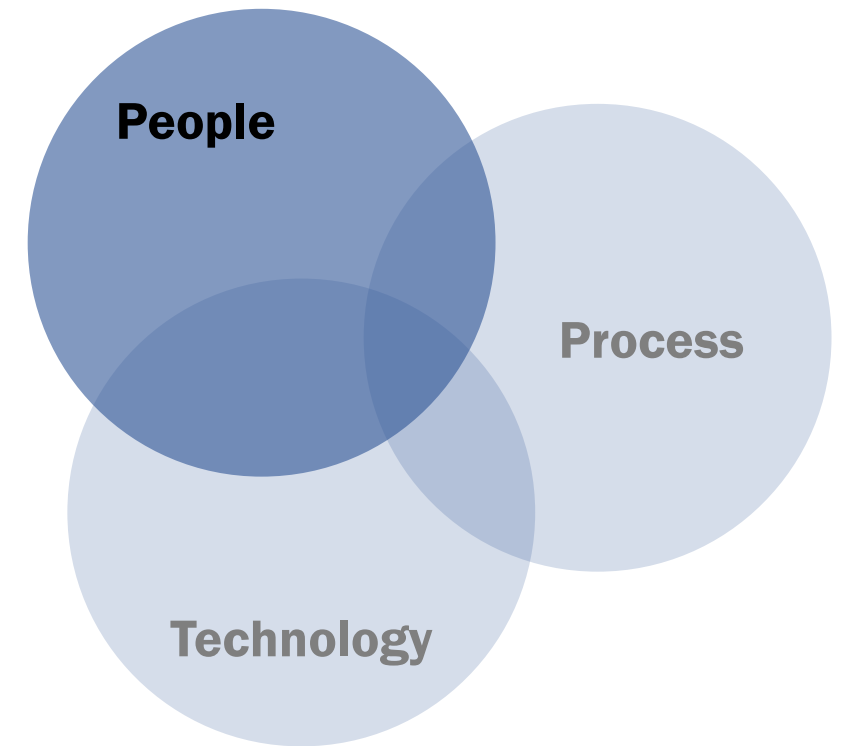
Our Journey Into IT-led Self-Service

- How do you enforce Governance in SAP Analytics Cloud?








Our Journey Into IT-led Self-Service






- How do you enforce Governance in SAP Analytics Cloud?



Roles & Responsibilities

Consulting Path ↓	 BI Viewer	The BI viewer role is assigned to everyone at Vestas per default with blue collar workers as the only exception. The BI Viewer role allows you to access Vestas' SAP Analytics Cloud tenant and view content that is shared with you.
	 BI Light Power User	The BI light power user role is meant for people who want to visualize data from already existing models.
	 BI Power User	The BI Power User role is meant for developers of models, stories and analytic applications.
	 BI Lead Power User	The BI lead power user role is the head of SAP Analytics Cloud within their business area. BI Lead Power Users from all business areas are forming and enforcing the ways of working in SAP Analytics Cloud in collaboration with the Data Engineering and Development team
	 BI Admin	BI Admin are platform owners of SAP Analytics Cloud. This entails forming and enforcing ways of working together with lead power users. Furthermore, BI Admins are responsible for maintenance and administration of Vestas' SAP Analytics Cloud tenant.

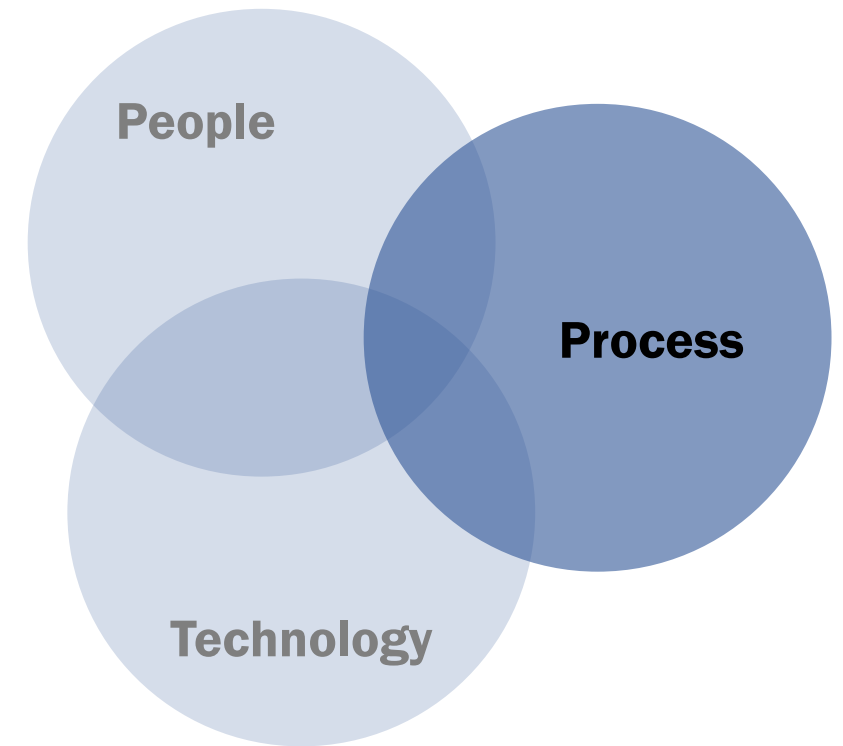
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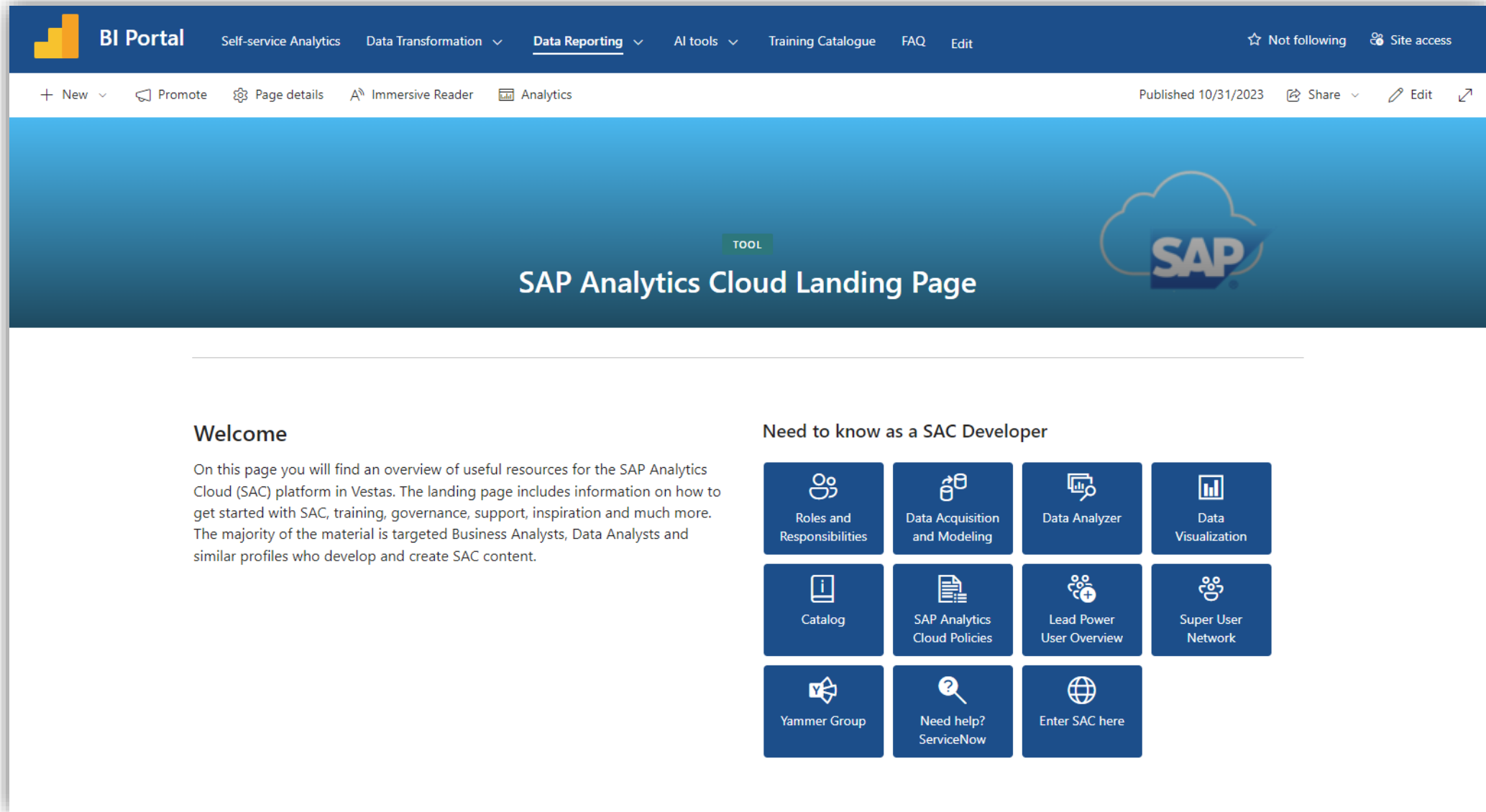
LPU Forums

Our Journey Into IT-led Self-Service

- How do you enforce Governance in SAP Analytics Cloud?



Creating a "One Stop Shop" for ways of working



The screenshot shows the SAP Analytics Cloud Landing Page within the BI Portal. The top navigation bar includes links for Self-service Analytics, Data Transformation, Data Reporting (selected), AI tools, Training Catalogue, FAQ, and Edit. A secondary bar contains options like New, Promote, Page details, Immersive Reader, and Analytics. The main header features the SAP logo and the title 'SAP Analytics Cloud Landing Page' with a 'TOOL' tag. Below this, the 'Welcome' section provides an overview of resources for the SAP Analytics Cloud (SAC) platform. The 'Need to know as a SAC Developer' section contains a grid of 11 links to various resources.

BI Portal

Self-service Analytics Data Transformation Data Reporting AI tools Training Catalogue FAQ Edit

+ New Promote Page details Immersive Reader Analytics

Published 10/31/2023 Share Edit

SAP Analytics Cloud Landing Page

TOOL

Welcome

On this page you will find an overview of useful resources for the SAP Analytics Cloud (SAC) platform in Vestas. The landing page includes information on how to get started with SAC, training, governance, support, inspiration and much more. The majority of the material is targeted Business Analysts, Data Analysts and similar profiles who develop and create SAC content.

Need to know as a SAC Developer

Roles and Responsibilities	Data Acquisition and Modeling	Data Analyzer	Data Visualization
Catalog	SAP Analytics Cloud Policies	Lead Power User Overview	Super User Network
Yammer Group	Need help? ServiceNow	Enter SAC here	

SAPinsider

Creating a "One Stop Shop" for ways of working

BI Portal

Self-service Analytics

Data Transformation

Data Reporting

AI tools

Training Catalogue

FAQ

Edit

+ New

Promote

Page details

Immersive Reader

Analytics

Published 5/8/2023

Share

Ed

your already existing role and is therefore a further set of responsibilities and privileges in the system.

Role Acquisition and Deletion

When either acquiring a new role, or being deleted in the system, it is important that we follow the standardized process around this. The physical implementation in the system is automated via SAP IdM, and is therefore a joint effort with the identity management team.

Role Acquisition - Approval Process

1

Ask Lead Power User of your area for new role

2

Lead Power User creates a ticket with SAP Authorization Support

3

Approval of new role assignment from the Data Engineering and Development team

4

Role is assigned by the SAP Authorization team using SAP IdM


5

The user is onboarded to our ways of working by the Lead Power User.

Licenses

licenses in SAP Analytics Cloud

Creating a "One Stop Shop" for ways of working

**BI Portal**


Self-service Analytics Data Transformation Data Reporting AI tools Training Catalogue FAQ Edit

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Data Acquisition and Modeling In SAP Analytics Cloud

 **Frederik Platz**
Associate Data Architect

Data Acquisition

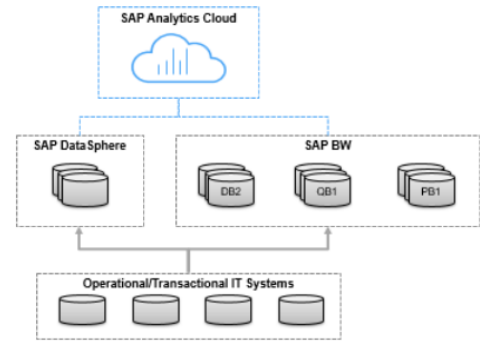
Live Data Connections

Live data connections are connections in which the data is read directly from the source system when a data asset is opened in SAP Analytics Cloud

It is recommended to use live data connections whenever possible since authorizations are inherited from the source systems, and the data model is created with minimal effort.

The PowerPoint illustrates current live data connections in SAC that are supported in Vestas. It is not recommended to use non-supported live data connections for analytical solutions used in production.



Overview - Live Data Connections in SAP Analytics Cloud



```
graph TD; SAC[SAP Analytics Cloud] --- DS[SAP DataSphere]; SAC --- BW[SAP BW]; DS --- OTS[Operational/Transactional IT Systems]; BW --- OTS; BW --- DB2[(DB2)]; BW --- CB1[(CB1)]; BW --- PB1[(PB1)];
```


27 October 2023

Creating a "One Stop Shop" for ways of working

**BI Portal** Self-service Analytics Data Transformation Data Reporting AI tools Training Catalogue FAQ Edit ☆ Not following  Site access

+ New 🗨 Promote ⚙ Page details 📖 Immersive Reader 📊 Analytics Published 4/26/2023 🔗 Share ✎ Edit ↗

SAP Analytics Cloud - Data Visualization (Stories)

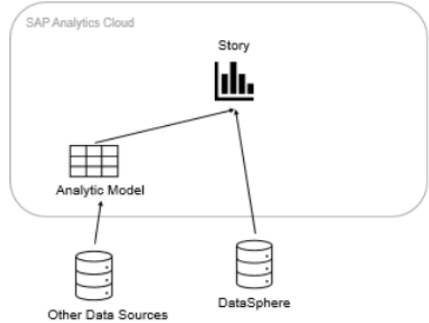
**Frederik Platz**
Associate Data Architect

In SAP Analytics Cloud, data is visualized using the story module. Stories allows for data to be presented for business users in a meaningful and compelling manner. When working with stories in SAC, there are some guidelines that needs to be followed to ensure a smooth experience for end-users and developers alike. These best practices are documented in the PowerPoint.

Stories can be created by all roles except BI viewers.

Note that even though other opportunities are possible, it is recommended to create stories based on analytic models. Please refer to our page on data acquisition and data modeling for more info on data models in SAP Analytics Cloud.

Stories - Overview



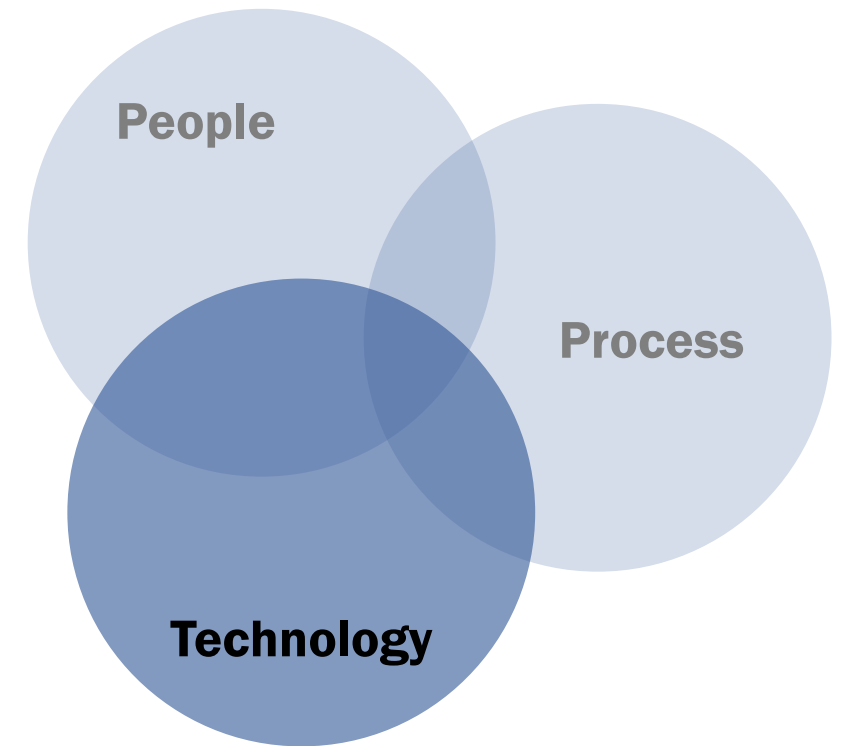
25 October 2023

Vestas

SLIDE 1 OF 3

Our Journey Into IT-led Self-Service

- How do you enforce Governance in SAP Analytics Cloud?



Where Technology Helps Us Underpin Our Strategy

<

SAP

Security / Roles / BI_Lead_Power_User

Task

Select Model

BI_Lead_Power_User



<input type="checkbox"/>	Name	<input type="checkbox"/> Create	<input type="checkbox"/> Read	<input type="checkbox"/>
<input type="checkbox"/>	> Dimension	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	> Currency	<input type="checkbox"/> Planning Profe...	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Planning Model	<input type="checkbox"/> Planning Profe...	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Analytic Model	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	SAP Cloud Platform Datasource			
<input type="checkbox"/>	Other Datasources			
<input type="checkbox"/>	Role	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	User	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Team	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Where Technology Helps Us Underpin Our Strategy

< **SAP** Security / Roles / BI_Lead_Power_User

Task Select Model ▾

BI_Lead_Power_User

<input type="checkbox"/>	Name  	<input type="checkbox"/> Create	<input type="checkbox"/> Read	<input type="checkbox"/>
<input type="checkbox"/>	> Dimension	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	> Currency	<input type="checkbox"/> Planning Profe...	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Planning Model	<input type="checkbox"/> Planning Profe...	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Analytic Model	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	SAP Cloud Platform Datasource			
<input type="checkbox"/>	Other Datasources			
<input type="checkbox"/>	Role	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	User	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Team	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

< **SAP** Security / Activities

Object Type	File Name	Object Name
Model	SP_M01_Q046_G_SAC	C28brmc8atfd0au9ww...
Model	SP_M01_Q003_G_GP...	Cf8ubdac6c895q88im0...
User		LGNUE
System Information		sap.fpa.services.core.s...
User		LARKA
Story	Spend Dashboard v2	F3584680A11F4AA8A3...
User		OLVLE
User		LPETW
User		LACOB

Our Self-Service Analytics Strategy



Training

- Training ensures that self-service solutions take full advantage of our platforms
- Users must learn how to work with data in a Vestas context



Admin & Governance

- BI Portal as “one source of truth” for ways of working
- Roles & responsibilities defined in accordance with our strategy
- Using the audit log to react to divergents



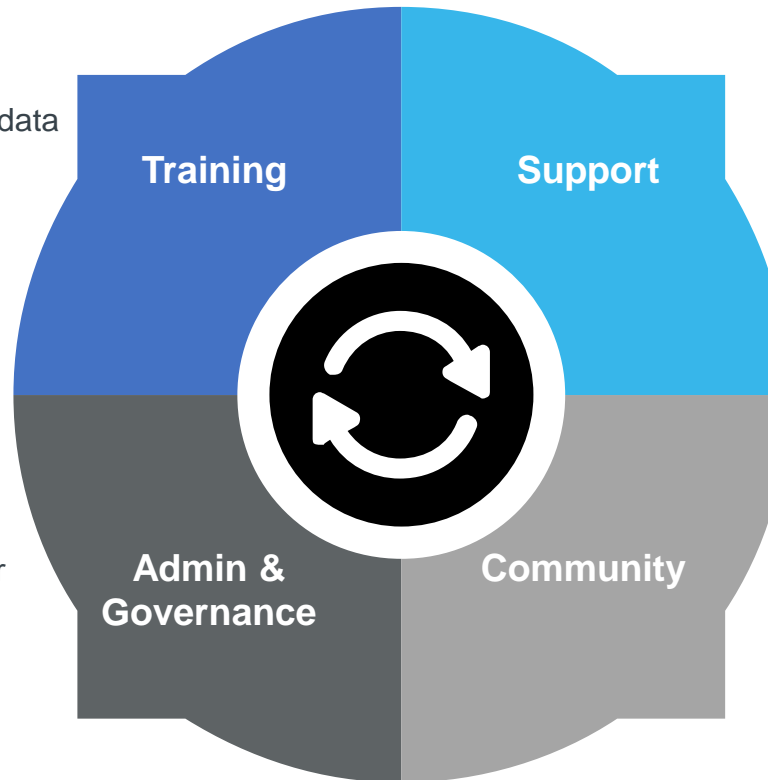
Support

- Support developers and end-users via ServiceNow



Community

- LPU Forums
- SAC Super User meetings



Next Steps In Our Self-Service Journey



BEx Web -->
SAC Data Analyzer



Datasphere as a
self-service
modelling tool?



Expand our
Training Catalog



Increased
utilization of the
audit log

Wrap up

- Where SAC wins compared to other front-end tools

Key Points to Take Home

- Establish clear roles & responsibilities
- Use system settings to provide lead power users with elevated credentials
- Create meeting structures that fosters collaboration between you and the lead power users
- Make sure ways of working are documented and easily accessible
- Use the audit log to enforce your governance

Where to Find More Information

- [Global Leader in Sustainable Energy | Vestas](#)
- [Frederik Platz | LinkedIn](#)
- [Understand Licenses, Roles, and Permissions | SAP Help Portal](#)
- [Track User Activities | SAP Help Portal](#)

Thank You! Questions?

Frederik Platz

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- frdpl@vestas.com

Please remember to complete
your session evaluation.

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