

**DAT162**

**HANDS-ON EXPERIENCE ON  
SAP MASTER DATA GOVERNANCE, CLOUD EDITION**

PUBLIC

# Today's speaker crew



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Follow us and the SAP Master Data Governance community

<https://www.sap.com/community/topics/master-data-governance>

The screenshot shows the SAP Master Data Governance community page. The header includes the SAP logo and navigation links: Community, Topics, Groups, Answers, Blogs, Events, Programs, Resources, and What's New. Below the header, the main content area features a large banner for 'SAP Master Data Governance' with a description: 'SAP Master Data Governance is a market-leading solution that allows you to define, enforce, monitor, and improve master data across domains for central or decentralized master data management in hybrid landscapes.' To the right of the banner is a video player for 'SAP TechEd 2021 Lecture: Take a Modern and Future-Proof Approach to Master Data Management [DAT205]'. Below the banner are buttons for 'Follow', 'Ask a Question', and 'Write a Blog Post'. The page also includes a 'Featured Content' section with three cards: 'Trends in Master Data Management', 'Complementary Deployment Option', and 'Try out SAP Master Data Governance for Free'. On the right side, there is a search bar and a 'Browse this topic' section with links to various resources.

# Session description

In this session, you will learn in detail about the features of SAP MDG, cloud edition. You will get a hands-on understanding of capabilities like consolidation, central governance and data quality management for business partner master data. You will see how easy it is to set up and consume this Software-as-a-Service solution on the Business Technology Platform.

All exercise descriptions, including a copy of this presentation is available on github.com  
<https://github.com/SAP-samples/teched2021-DAT162>

# Agenda

## Getting Started

Introduction to SAP Master Data Governance and Federated MDG

### Exercise 1 – Getting a BTP Trial Account and Subscribing to MDG Cloud

You will follow the [Getting Started Guide](#) to prepare yourself for the other exercises.

### Exercise 2 – Central Governance

Display, create, and edit business partner data [Process Overview](#)

### Exercise 3 – Consolidation

Consolidate business partner data [Process Overview](#)

### Exercise 4 – Mass Change

Perform mass changes on business partner data [Process Overview](#)

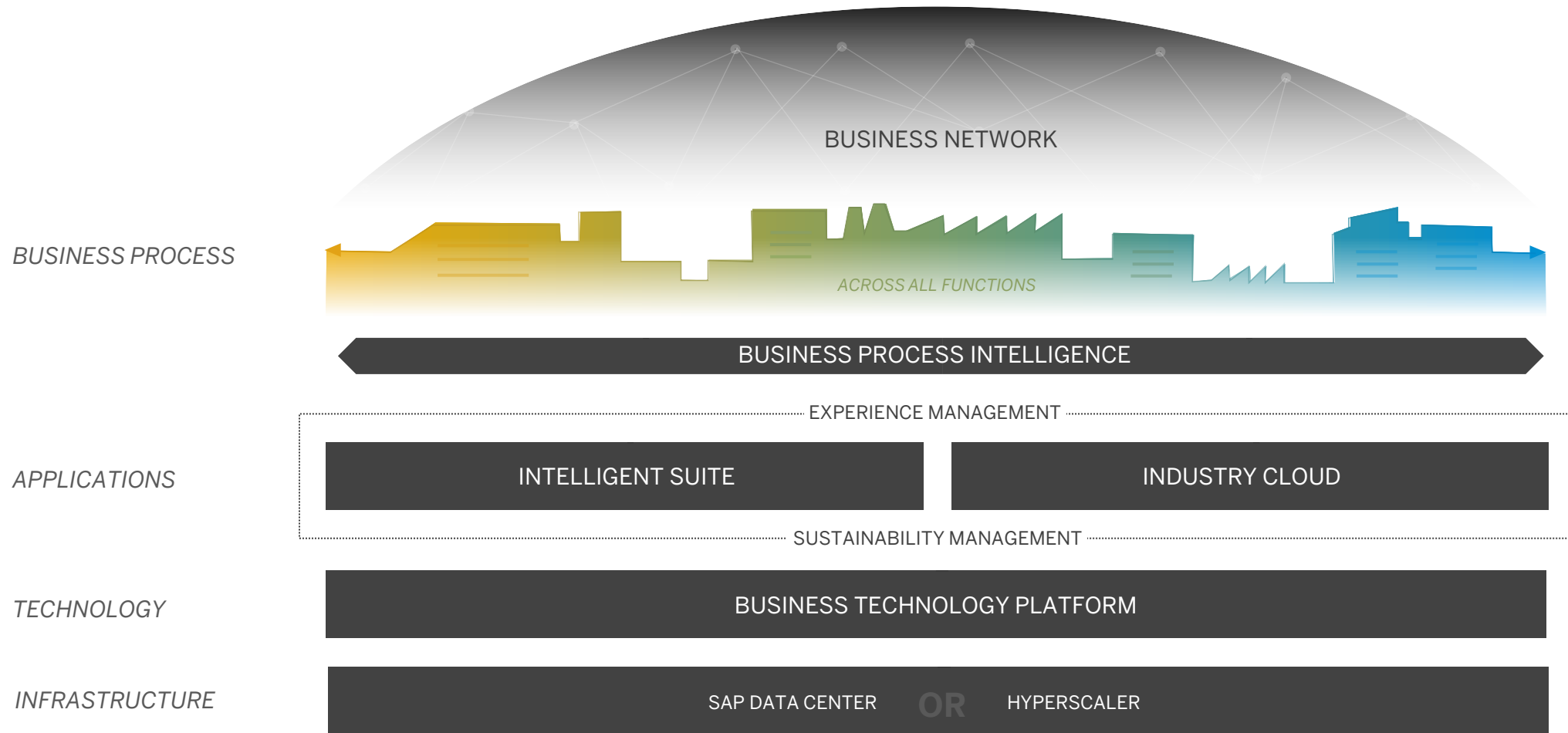
### Exercise 5 – Data Quality Management

Analyze and improve the quality of your business partner data [Process Overview](#)

# Getting started

# INTELLIGENT ENTERPRISE

## Evolved Vision.



# Master data integration and master data management

Two different disciplines that go hand in hand

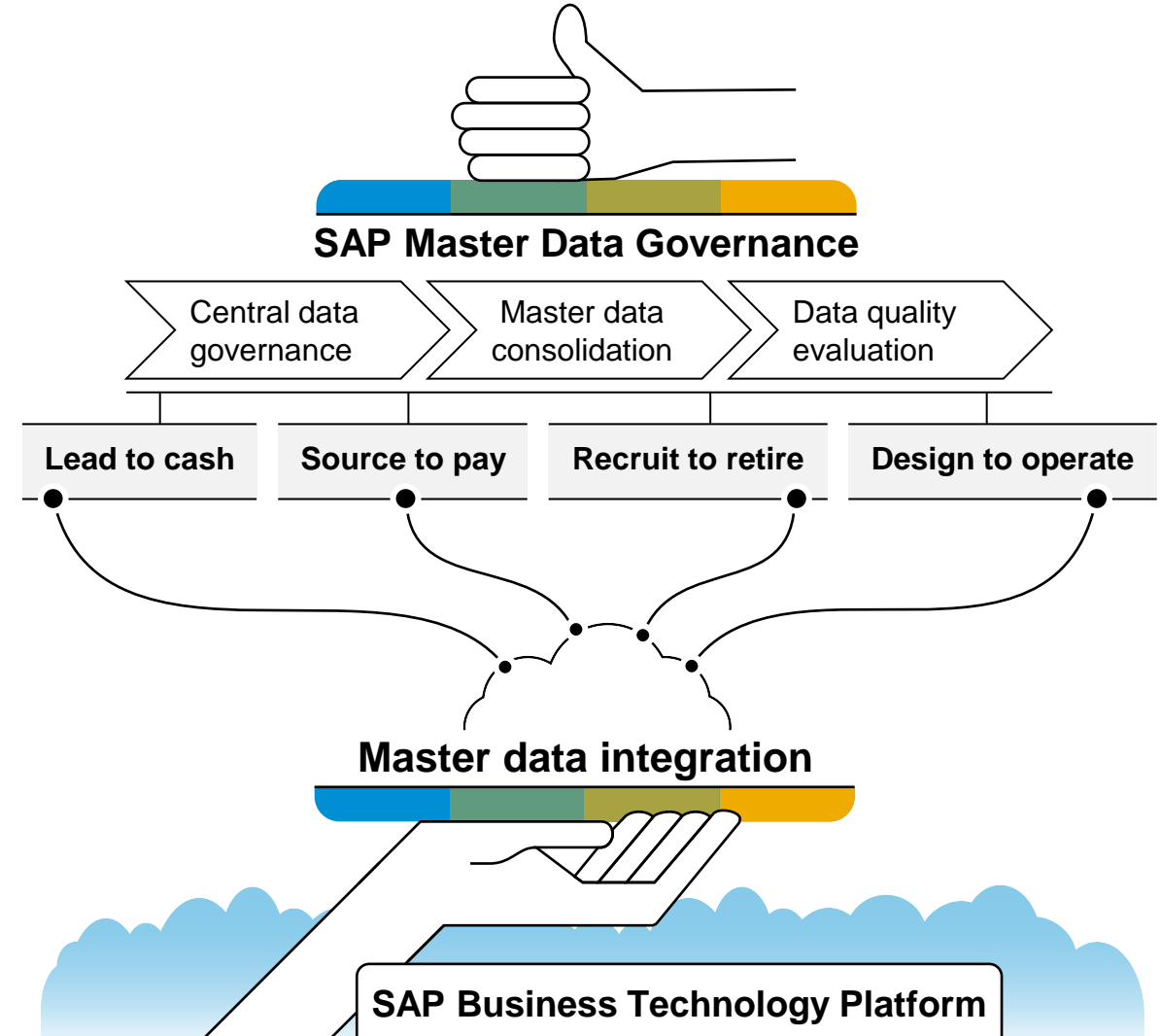
## Master data management

- Purpose: Ensure high quality for trusted master data across the enterprise by governing creation and change processes.
- Coverage: Companies prioritize their investments in quality for **selected domains** according to business needs.
- SAP product: SAP Master Data Governance application

## Master data integration

- Purpose: Distribute master data – in its current state without changing the content or quality.
- Coverage: Companies expect **broad domain coverage** to enable end-to-end business process integration.
- SAP product: SAP Master Data Integration service  
(based on SAP One Domain Model for a harmonized view across all applications)

The combination of SAP Master Data Integration and SAP Master Data Governance allows companies to **decouple** integration and management and enables **new patterns** for agile handling of master data.



# SAP Master Data Governance, **product portfolio** and key capabilities\*

Options to centrally manage or federate your master data governance

## SAP Master Data Governance on SAP S/4HANA

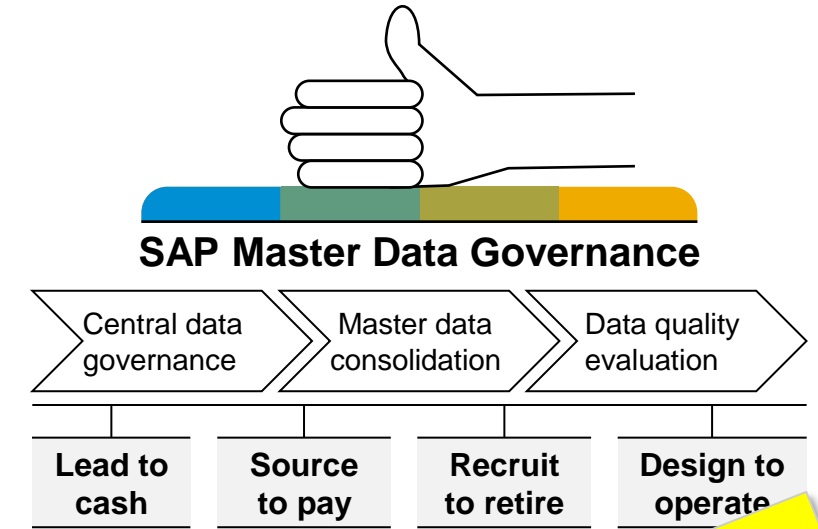
- Can be used as **one enterprise-wide hub** to **manage centrally** core and application attributes based on data models of SAP S/4HANA, for customer, supplier, product, financial, enterprise asset, and retail master data, and is open for custom-defined objects
- Is provided on SAP S/4HANA or SAP S/4HANA Cloud
- Is open for federation:** Can be used as the Application-MDG for application master data specific to SAP S/4HANA in federated MDG deployments\*

## SAP Master Data Governance, cloud edition

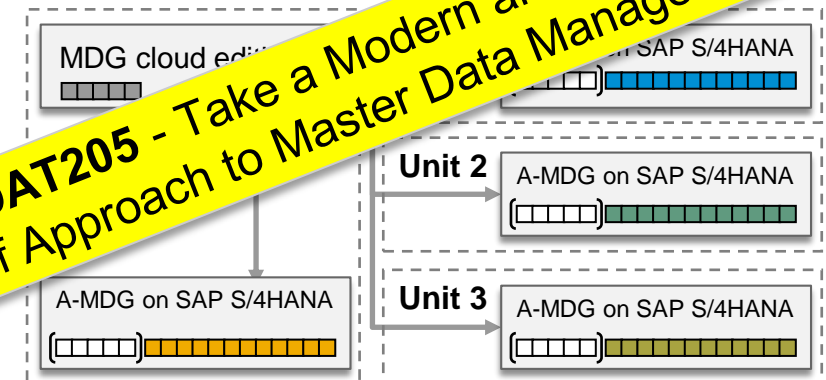
- Offers governance of **core attributes** for customer and supplier master data **based on the SAP One Domain Model** (more domains planned)
- Is provided as a subscription to a SaaS solution in the public cloud
- Is cornerstone of federation:** Enables federation by orchestrating MDM capabilities in SAP Master Data Governance on SAP S/4HANA, as well as other application-specific components\*

## Ways to federated MDG

- Option 1: **Deploy SAP Master Data Governance, cloud edition, as stand-alone** to kick-start enterprise MDG initiative at low entry barriers, with option to federate out to business units' demand.
- Option 2: **Leverage earlier investments** in SAP Master Data Governance on SAP S/4HANA and transfer them into a federated deployment to broaden scope and ease implementation.



**See DAT205 - Take a Modern and Future-Proof Approach to Master Data Management**



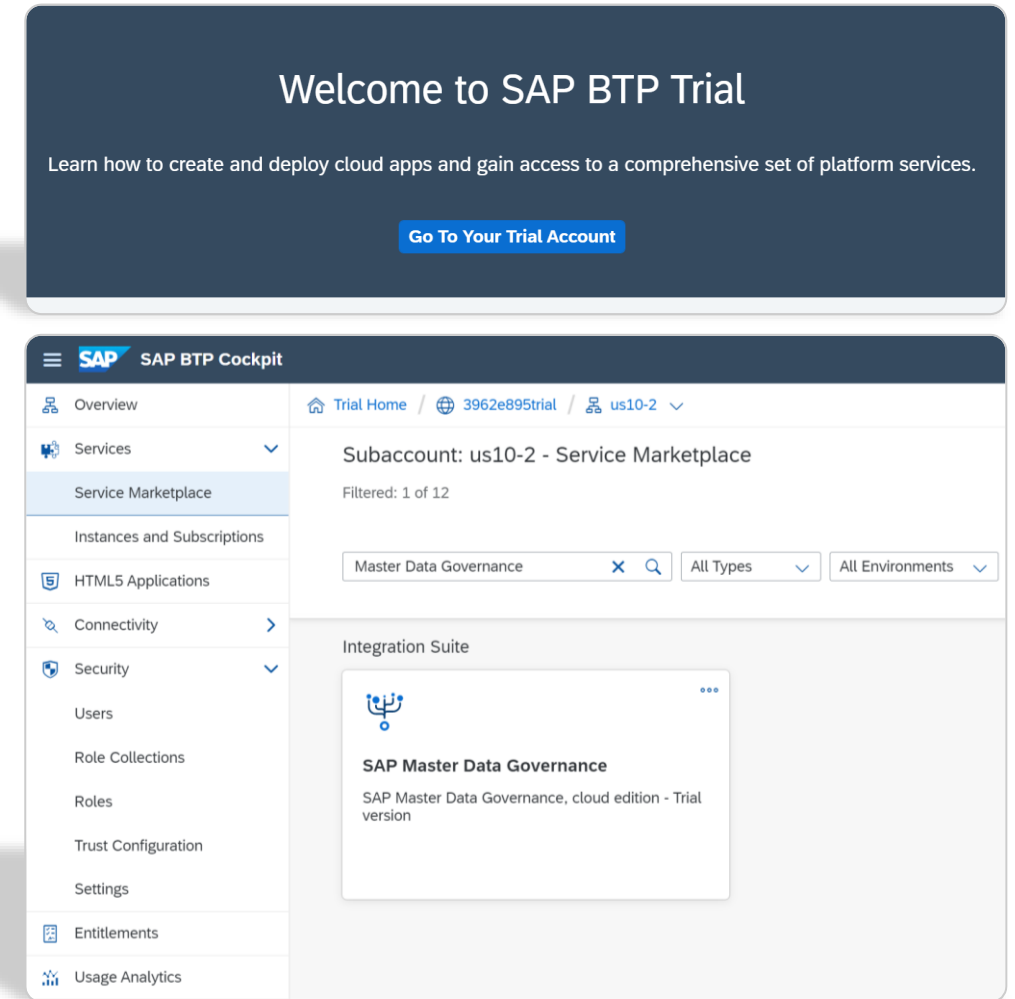
\*) support for federation of MDG scenarios planned for future releases



# SAP Master Data Governance, cloud edition – Trial Version

- **Free and time-limited** subscription to MDG Cloud on [SAP BTP Trial](#)
- **Streamlined for quickly exploring** MDG Cloud capabilities – [Sign up here!](#)
- **Shared environment** – multiple trial tenants share an instance of MDG Cloud
- **Tenants are isolated** similar to a standard subscription, e.g. data separation, own set of business partners, separated tenants in SAP BTP Workflow Service.  
**Exceptions\*** for trial apply:
  - one common process configuration
  - one set of example validation rules (read-only)
  - not all features of the standard plan available

\* See [Feature Comparison List for SAP Master Data Governance, Cloud Edition](#) for a full list



# **Exercise 1 – Getting a BTP Trial Account and Subscribing to MDG Cloud**

## Exercise 1 – Getting a BTP Trial Account and Subscribing to MDG Cloud

<https://github.com/SAP-samples/teched2021-DAT162/tree/main/exercises/ex1>

In this exercise, you will create your own trial account on SAP BTP and subscribe to SAP Master Data Governance, cloud edition.

If you already have a trial account on BTP, you can use your existing BTP trial account. Following the instructions will bring you to your existing BTP trial account in this case.

Furthermore, if you already have an active trial subscription to SAP Master Data Governance, cloud edition, you can skip this entire exercise and continue with [exercise 2](#).

**Your trial subscription of MDG Cloud remains valid for 30 days, so that you can continue exploring MDG Cloud after the workshop.** After this period you can delete the subscription and create a new subscription to start a new trial period. By deleting a subscription you will lose access to all data created.

## **Exercise 2 – Central Governance**

## Exercise 2 – Central Governance

<https://github.com/SAP-samples/teched2021-DAT162/tree/main/exercises/ex2>

In this exercise, you will learn the basics for working with the central governance capabilities of SAP Master Data Governance, cloud edition.

You will start by creating a business partner. Then you will execute a check for duplicates to check whether there are any possible duplicates in the system. You will create a business partner with different data sets, such as address, role, bank data, identification.

Then you submit your request for approval. For this exercise you have assigned yourself as approver by adding your ID to the role collection MDG\_Workflow\_User in BTP cockpit. You have done this as part of exercise 1. Once your request is approved, you will get an email notification.

## **Exercise 3 – Consolidation**

## Exercise 3 – Consolidation

<https://github.com/SAP-samples/teched2021-DAT162/blob/main/exercises/ex3>

In this exercise, you will learn the basics for working with the consolidation capabilities of SAP Master Data Governance, cloud edition.

You will start with the import of source data in spreadsheet format and the creation of a consolidation process. Then you will examine the results of each process step. Furthermore, you will learn how to use the match review to understand the result of matching and how to work with match groups and the result of the best record calculation.

**Important:** Download the spreadsheet [Marketing\\_2021.xlsx](#) to use it in this exercise.

## **Exercise 4 – Mass Change**



## Exercise 4 – Mass Change

<https://github.com/SAP-samples/teched2021-DAT162/blob/main/exercises/ex4>

In this exercise, you will learn the basics for working with the mass change capabilities of SAP Master Data Governance, cloud edition.

You will start with the creation of a mass request, which can be used to perform all required changes for selected business partners.

After that you submit this request, and as an approver will get a workflow task to approve the changes. After approval, the requestor will get an email notification to navigate to the result of this mass request.

*Note:* completing exercise 3 will provide you with more data for this exercise.

# **Exercise 5 – Data Quality Management**

## Exercise 5 – Data Quality Management

<https://github.com/SAP-samples/teched2021-DAT162/blob/main/exercises/ex5>

With this exercise you explore some of the features for master data quality management offered by SAP Master Data Governance, cloud edition.

You will see how data quality rules for validation of master data are managed and how you can control their usage in master data processes. You will use the Evaluation Results app to analyze the results of a data quality evaluation and see how you can fix detected errors.

*Reminder:* The standard subscription provides you with more capabilities than the trial version being used in this exercise. Most obviously, the standard version allows you to create and edit data quality rules, and to implement the rule in BRFplus.

You will also notice sharing an instance in some steps of this exercise, for example in the display of the evaluation results of a validation rule. The standard version of MDG Cloud is of course not affected by these limitations and offers complete tenant isolation and full functionality.

**Further reading**

# Learn more about SAP Master Data Governance

- [SAP Road Maps](#) (direct link: [SAP MDG in SAP Roadmap Explorer](#))
- [SAP Community](#) (direct link: [SAP Master Data Governance Community](#) and recent strategy updates: [#mdgupdates2021](#))
- [SAP Customer Connection](#) Projects: [MDG 2018](#), [MDG 2019](#), [MDG 2020](#), [MDG 2021](#)
- [SAP MDG on SAP.com](#) / [SAP MDG Application Help](#)
- [Education for SAP MDG](#) / [SAP MDG Consultant Certification](#)



**Federated MDG:** [Blog Post](#), [Thought Leadership Paper](#),  
Concept (as [Video](#), or for [Self-Reading](#)), [Process Example](#), [Free Trial](#), [FAQ Page](#)

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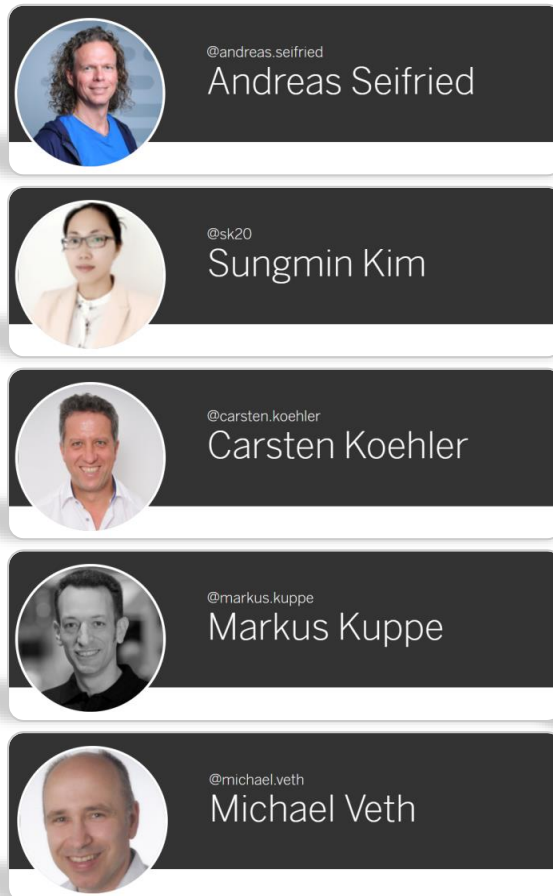
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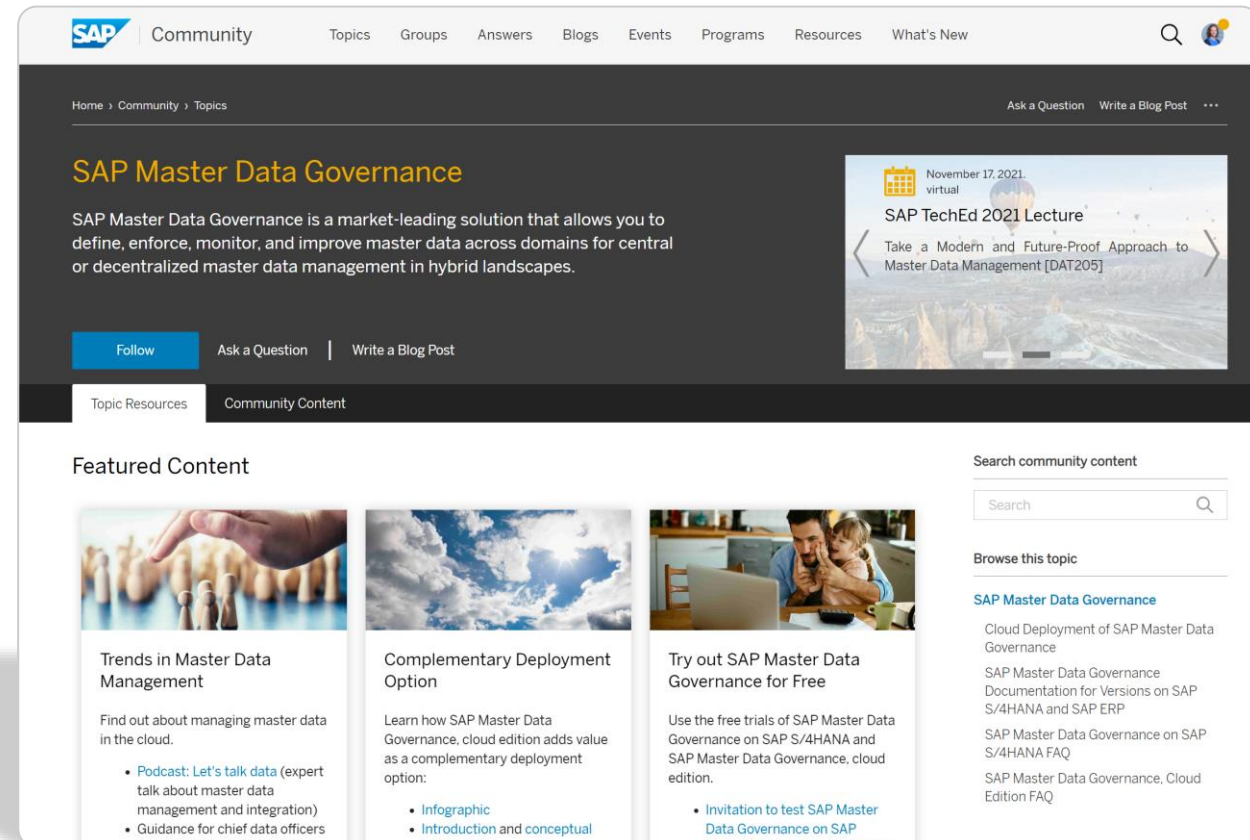
\* Pearson VUE, [Study Reveals Value of IT Certification in Challenging Times](#), 2021.

# Thank you.



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<https://www.sap.com/community/topics/master-data-governance>



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