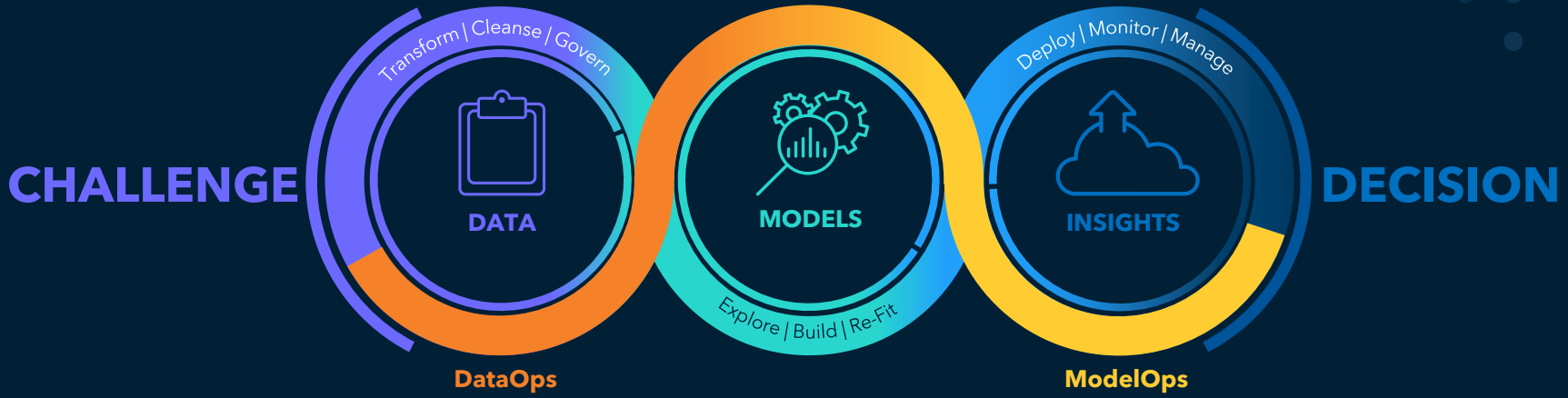
SAS und Microsoft Partnerschaft

Kombinierte Fähigkeiten von SAS und Microsoft



Zugriff, Integration und Anreicherung von Daten aus verschiedenen Quellen mit **SAS & Microsoft Synapse.**

Erstellen Sie Analytics-Pipelines mit SAS, ML und Open-Source-Sprachen mit integrierter Automatisierung & Erklärung.

Demokratisierung und Einbettung von Erkenntnissen in die gesamte **Microsoft Teams und Power-Plattform.**

Microsoft

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SAS Viya on Microsoft Azure

SAS im Azure Marketplace

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Übersicht

SAS Viya on Microsoft Azure

- Marketplace-Angebot von SAS in Microsoft Azure
- Pay-as-you-go-Abonnement, verfügar über den Azure-Marktplatz
- Automatisierte Bereitstellung im eigenen Azure-Tenant
- Umfasst SAS Visual Machine Learning
- Kommt mit Python-Integration und Jupyter Notebooks

DATA SCIENCE OFFERINGS

Capability Comparison

More than just powerful algorithms, our data science offerings include critical data preparation, data visualization and model management capabilities. Choose the offering that meets your requirements today, with the knowledge that you have a path to the future in a single, expandable environment.

Capabilities	SAS Visual Machine Learning	SAS Visual Data Science	SAS Data Science Programming*	SAS Visual Data Science Decisioning
Data access data preparation, data quality & information cataloging	✓	✓	✓	✓
Advanced flow steps & information governance	✓	✓		✓
Visualization & reporting	✓	✓	✓	✓
Conversational AI & chatbots	✓	✓	✓	✓
Statistics	✓	✓	✓	✓
Matrix programming		✓	✓	✓
Machine learning & deep learning	✓	✓	✓	✓
Model deployment & management	✓	✓		✓
Forecasting	^	✓	✓	✓
Text analytics	^	✓	✓	✓
Optimization	^	✓	✓	✓
Econometrics	^	✓	✓	✓
Digital decisioning	^	^	^	✓
Event streaming analytics	^	^	^	✓
Advanced workload management	^	^	^	^

* Programmatic interface only; no visual interface.
^ Optional.

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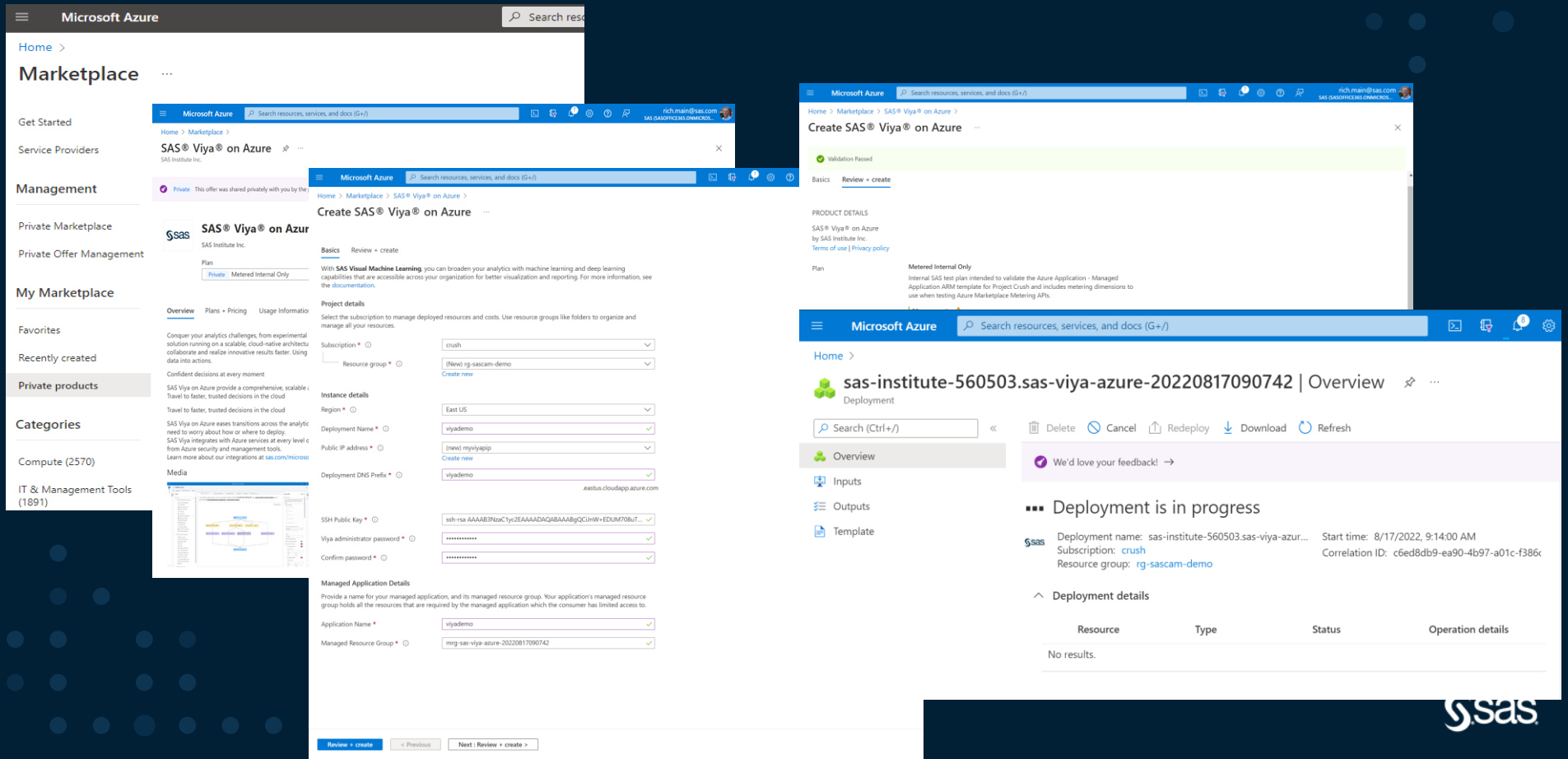
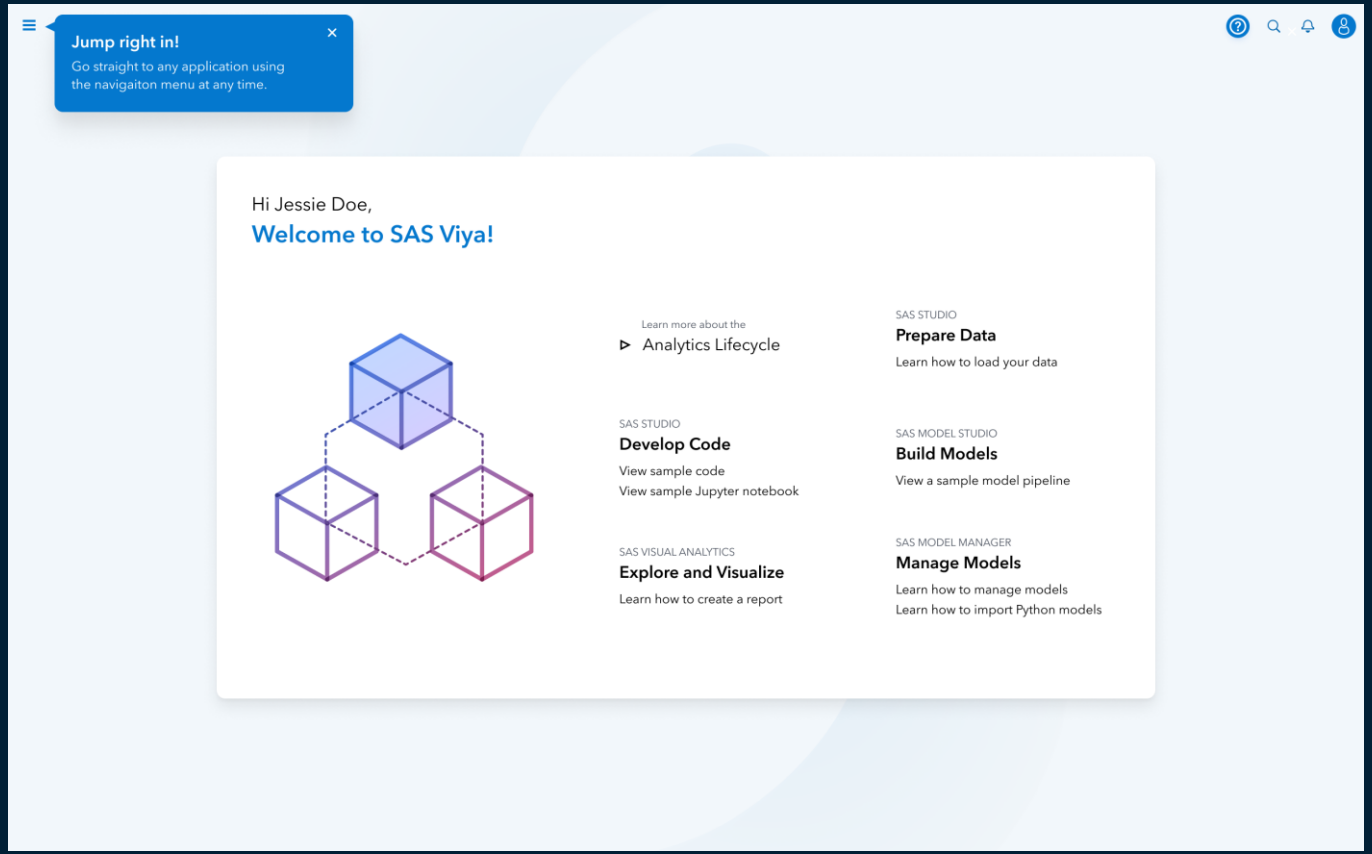

Microsoft Azure
Search resources, services, and docs (G+/)
Home
Marketplace
Get Started
Service Providers
Management
Private Marketplace
Private Offer Management
My Marketplace
Favorites
Recently created
Private products
Categories
Compute (2570)
IT & Management Tools (1891)
SAS® Viya® on Azure
SAS Institute Inc.
Create SAS® Viya® on Azure
Basics
Review + create
Project details
Instance details
Managed Application Details
Review + create
Next : Review + create >
Validation Passed
PRODUCT DETAILS
Terms of use | Privacy policy
Metered Internal Only
sas-institute-560503.sas-viya-azure-20220817090742 | Overview
Deployment
Search (Ctrl+/)
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Download
Refresh
We'd love your feedback!
Deployment is in progress
Deployment name: sas-institute-560503.sas-viya-azur...
Subscription: crush
Resource group: rg-sascam-demo
Start time: 8/17/2022, 9:14:00 AM
Correlation ID: c6ed8db9-ea90-4b97-a01c-f386
Deployment details
Resource
Type
Status
Operation details
No results.

"Welcome Experience" für neue Benutzer von SAS Viya



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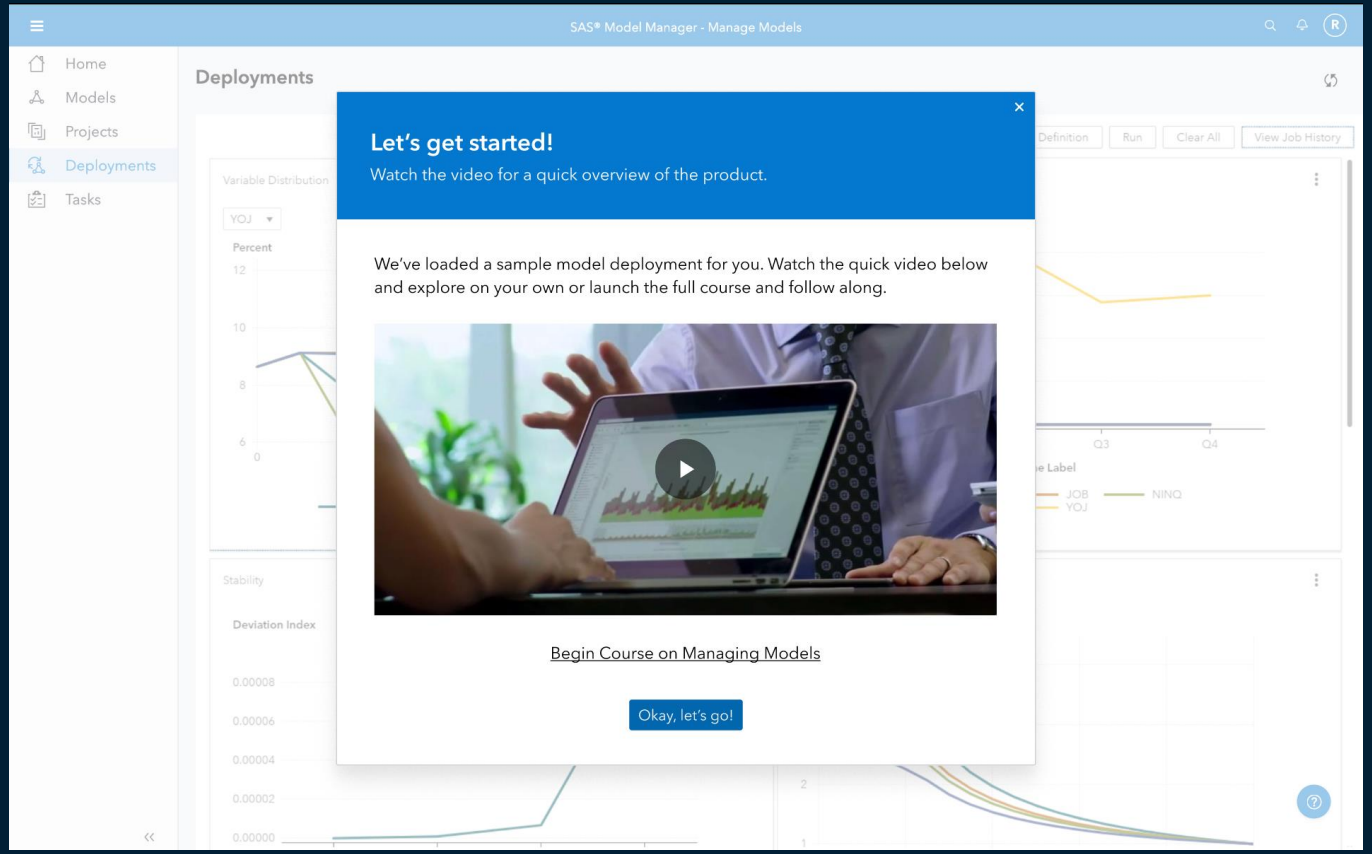
"Welcome Experience" für neue Benutzer von SAS Viya



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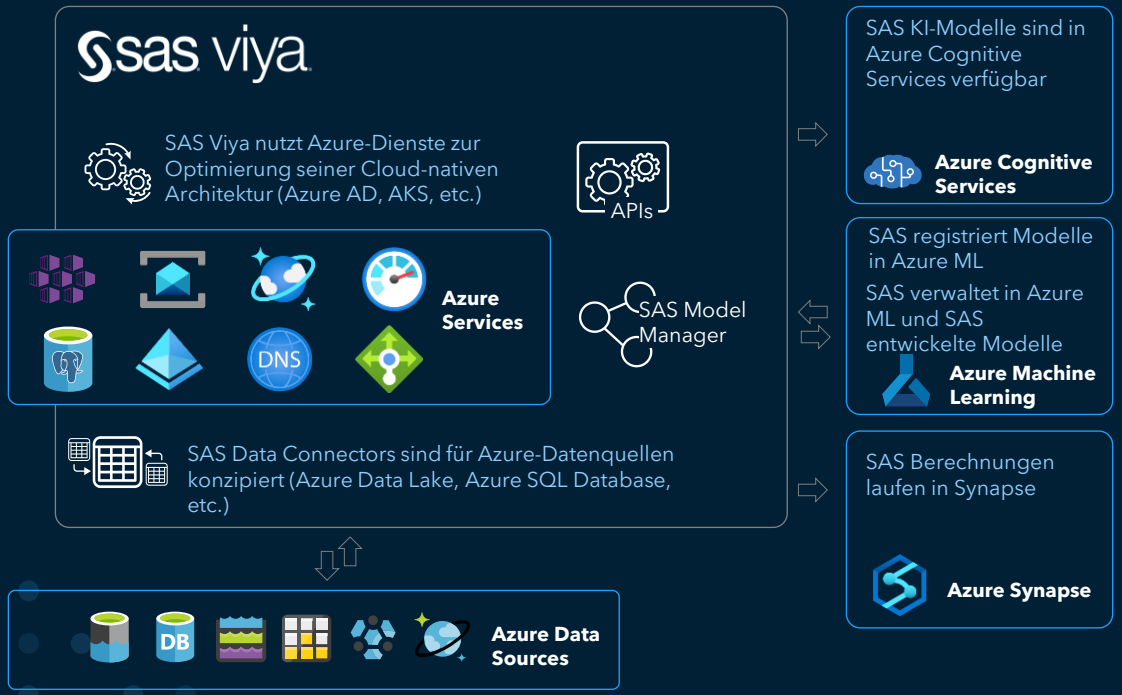
Microsoft Azure

Vision der Technologie-Integration



Vorteile

- Optimierte Ressourcen für die **Cloud-Integration**
- Einfacher Zugriff auf **alle Daten**
- Entwicklung **fortgeschrittener Modelle** mit jeder Sprache
- **Beschleunigte** Entwicklung und Verwaltung von KI-Modellen

Microsoft

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Azure Datenspeicher mit Verbindung zu SAS

- Azure Database for MySQL
- Azure Database for PostgreSQL
- Azure Database for MariaDB
- Azure Cosmos DB
- Azure Redis Cache
- Azure Data Lake Storage 2 (ADLS2)
- Azure Synapse Analytics
- Azure HDInsight
- Azure Databricks
- Microsoft OneDrive

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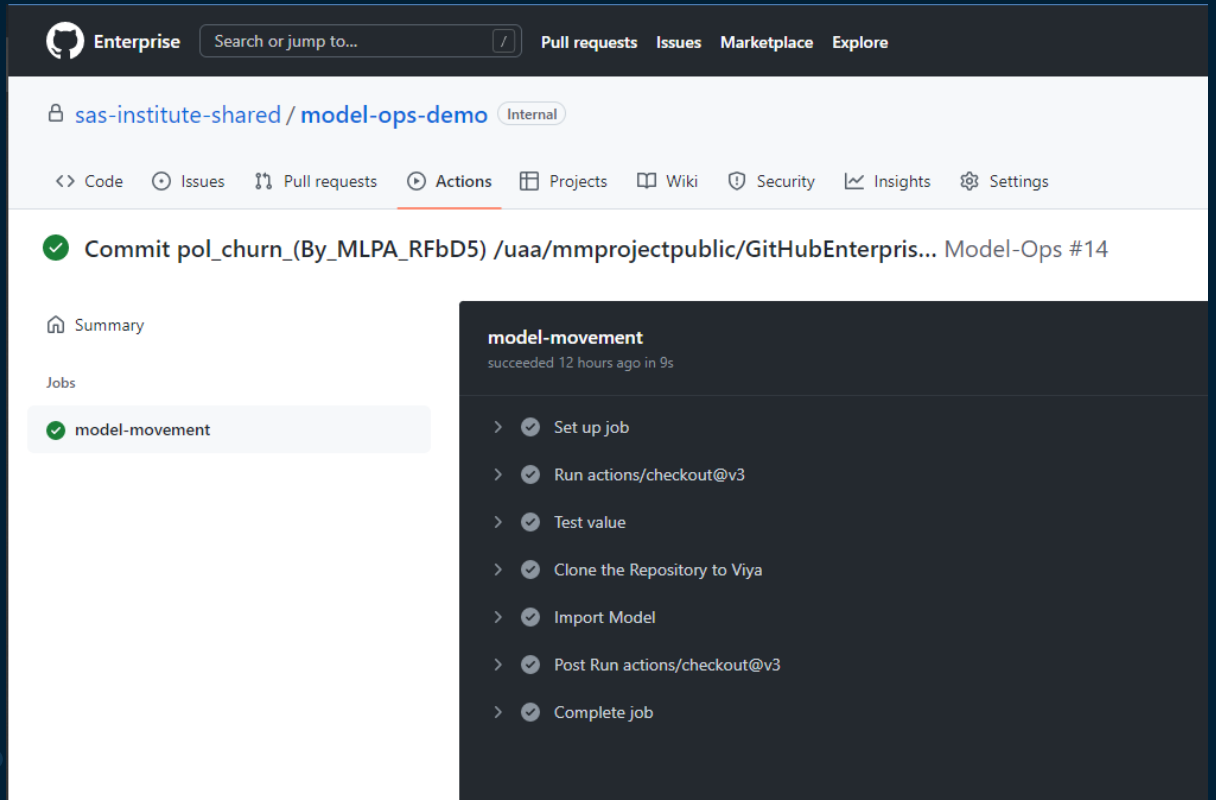
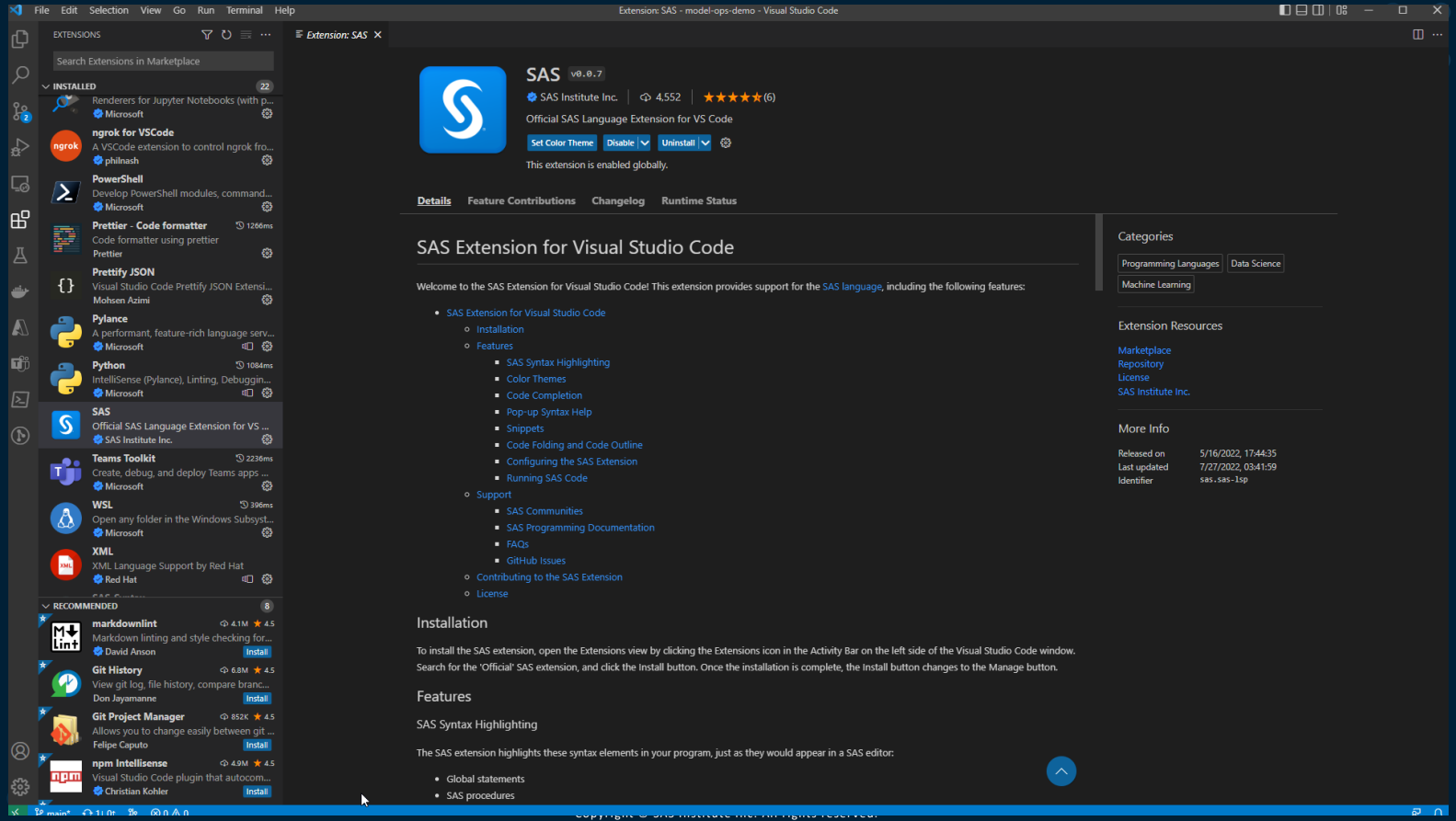
Integration mit GitHub Enterprise

GitHub Actions für GitOps mit SAS



Integration mit VSCode



Veröffentlichen von Modellen

nach Azure

Azure Machine Learning (AML)

Azure Container Registry

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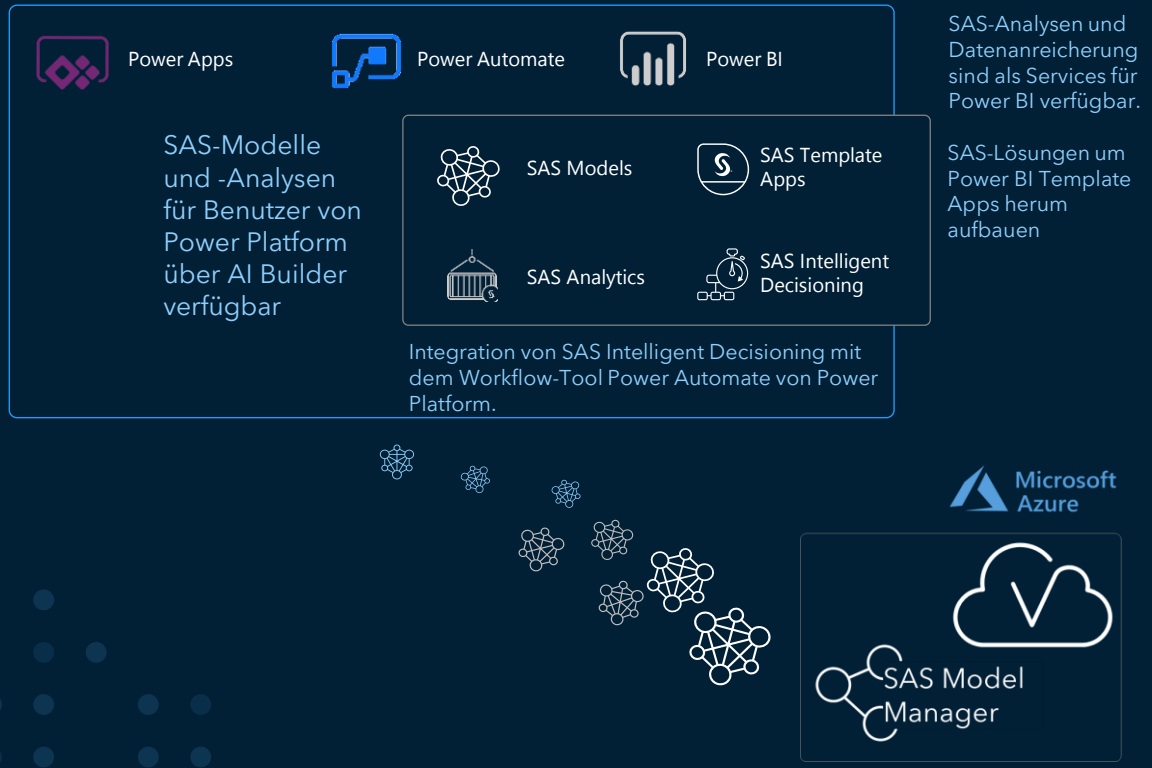
Microsoft Power Platform

Vision der Technologie-Integration



Vorteile

- **Einbettung von SAS-Modellen in Power Apps** für die Analytik hinter den Kulissen
- **SAS Intelligent Decisioning** in Geschäftsabläufe **einbetten**
- Treffen Sie KI-gesteuerte Entscheidungen mit **SAS KI** und Analytik hinter **Power BI-Visualisierungen**
- **Jeder,** unabhängig von seinem Kenntnisstand, nutzt die Analytik, **um Entscheidungen zu treffen**

Microsoft

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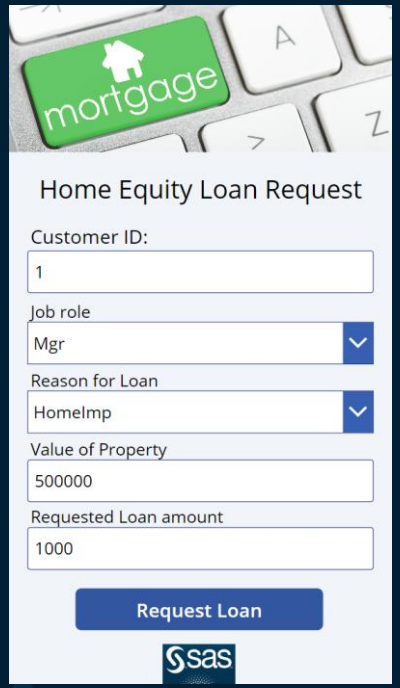
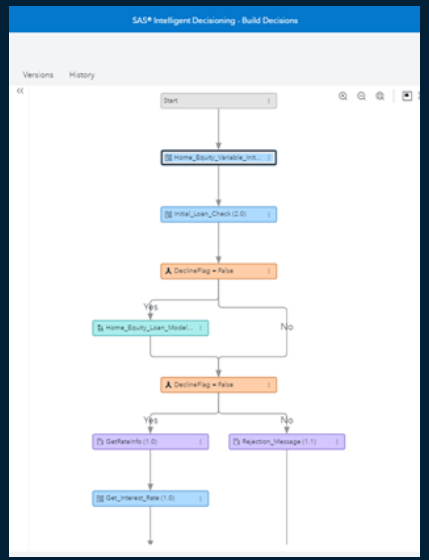
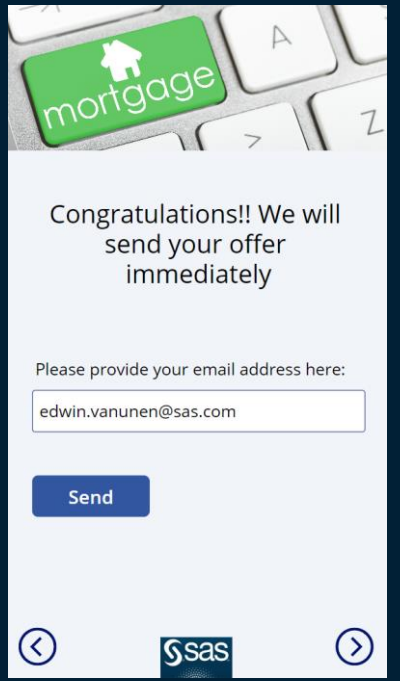
Anwendungsfall Kreditgenehmigung







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Integration SAS Viya & MS Power Apps

SAS Decisioning Connector

Loan Approval Decision

Loan Request

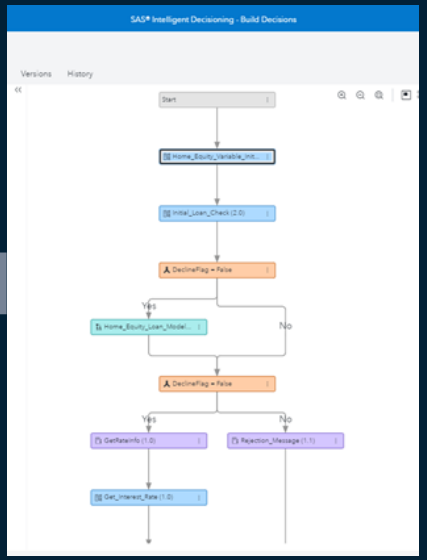
PowerApps

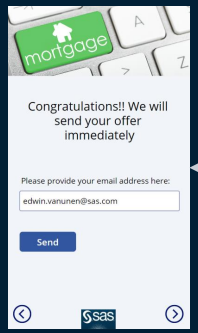
Power Automate

Premium
Data Connector

MAS
(Micro Analytic Service)

Publish





Approve/Decline

Microsoft Power Platform

SAS Intelligent Decisioning

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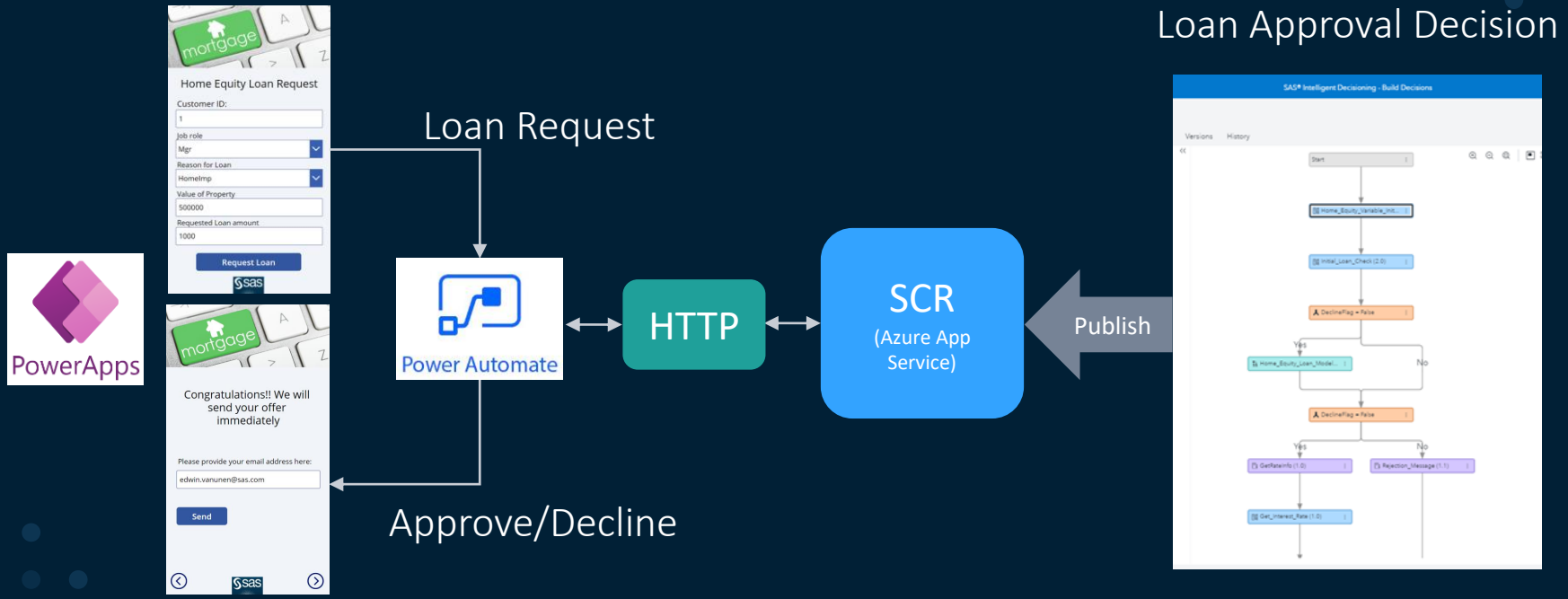
Integration SAS Viya & MS Power Apps

SAS Container Runtime in Azure (SCR Azure)



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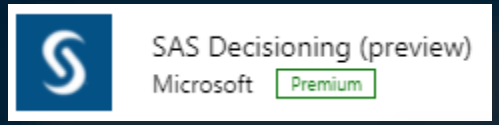
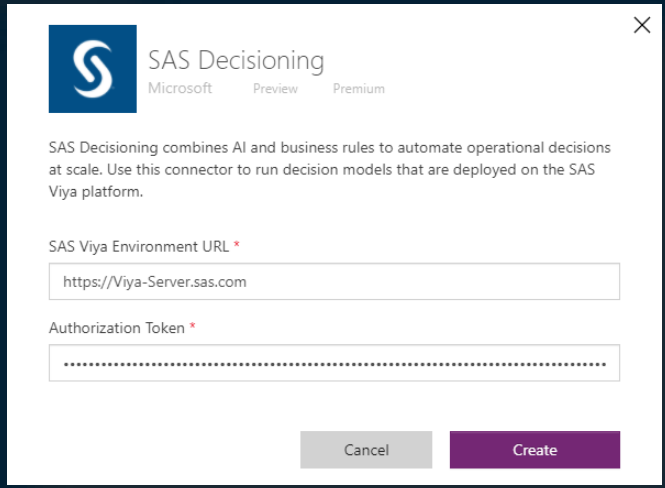
SAS Decisioning Data Connector

Establish HTTP connection between MAS and a MS Power Flow

- Prerequisites
  - SAS Intelligent Decisioning license
  - PowerApps with Premium License
  - Allow calls coming from the Power Platform IP Addresses Range
- Register Client (SAS Admin)
- Obtain access token (SAS Admin)
- Setup Decisioning Data Connector





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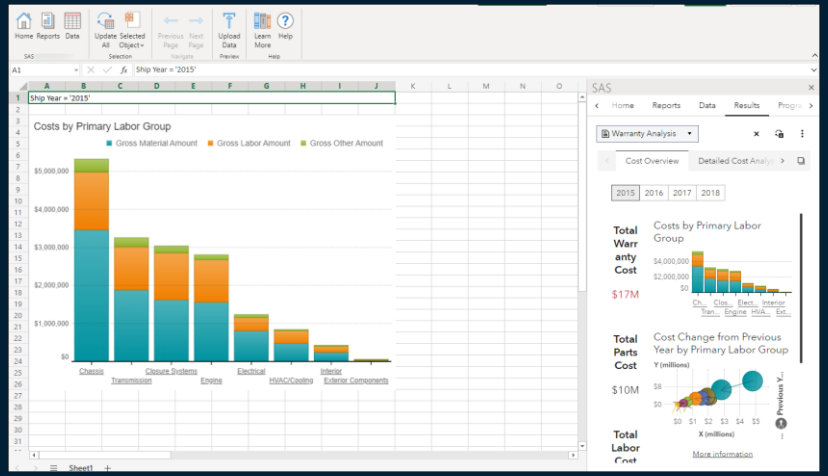
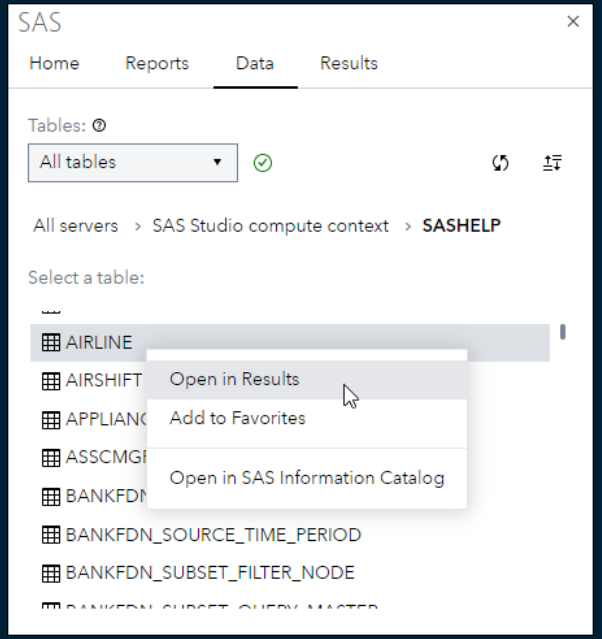
Integration mit Office365

Aktuell Excel & Outlook

- Suchen und Einfügen von VA Reports (beide)
- Daten filtern, sortieren und einfügen (Excel)
- CAS Tabellen aus Excel heraus generieren (Excel)





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SAS und der moderne Arbeitsplatz

Integration mit Microsoft Teams

Unsere gemeinsame Vision als SAS und Microsoft ist es, zu zeigen, wie wir die Analytik demokratisieren, indem wir Geschäftsanwendern die Möglichkeit geben, über die vertraute Microsoft Teams-Oberfläche an Prozessen wie ModelOps teilzunehmen.

- SAS Conversation Designer integriert Chatbots mit Teams.
- Der Modell-Governance-Prozess von SAS Model Manager wird über Teams abgewickelt.
- Berichte und Dashboards aus SAS Visual Analytics und Power BI können auf einer Registerkarte für Teams angezeigt werden.

Microsoft

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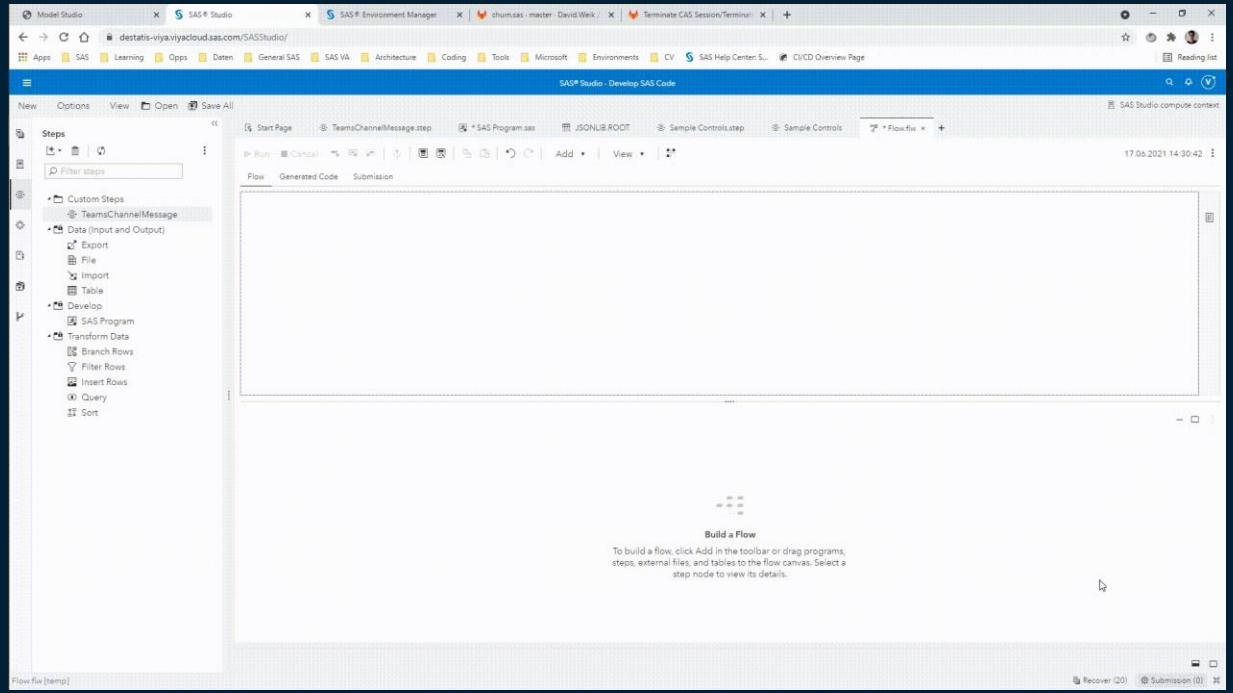
Teams Nachrichten am Ende eines ETL Prozess



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