



CDISC Italian User Network 2021

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A Governed Platform for collaboration, change management and versioning



Alberto Romanelli
Business Developer Pharma
SAS



ACCESSO E CONTROLLO

- Accesso semplificato
- Monitoraggio accurato
- Report Automatici



ESIGENZE

- Maggior richiesta di collaborazione interna e esterna all'azienda
- Governo dei processi
- Diversi linguaggi d'utilizzo
- Automazioni nei controlli
- Change Management



GOVERNO DEI PROCESSI

- Disegno dei processi
- Documentazione e Controllo



CHANGE MANAGEMENT

- Integrazione di diversi linguaggi
- Versioning dei programmi



AUTOMAZIONI

- Definizioni di Business Rules per la generazione di alert e scostamenti
- Analytics per nuove Business Rule

Efficientamento Operativo



"A Governed Platform"





ACCESSO E CONTROLLO



Piattaforma Accessibile Facilmente



Interfaccia di utilizzo light



Accesso Garantito in piena sicurezza



Monitor & Reporting

ESIGENZE

Collaborazione



CHANGE MANAGEMENT-DIVERSI LINGUAGGI

Capacità di integrare diversi linguaggi in un'unica interfaccia

The screenshot displays the SAS Studio Desktop SAS Code interface. The top menu bar includes 'New', 'Options', 'View', 'Open', and 'Save All'. The left pane shows the 'Explorer' with a tree view of folders and files, including 'My Favorites', 'Folder Shortcuts', 'Shortcuts to My Folder', 'My Snippets', 'My Tasks', 'BU.Flick-Images-Book.csv', 'BookFlow.rw', 'clean date of publication.py', 'clean place of publication.py', 'SAScalbackMethodology', 'SAS Server', and 'SAS Content'. The main workspace shows a workflow diagram with steps: 'BU.Flick-Images-Book', 'Import', 'Manage Columns', 'clean date of publication', 'clean place of publication', 'sort by date of publication', and 'result'. Below the workflow, the 'clean place of publication' task is expanded, showing a code editor with the following SAS code:

```
Code Note
1 import numpy as np
2
3 pub = df["PublicationPlace"]
4 london = pub.str.contains("london")
5 oxford = pub.str.contains("Oxford")
6
7 df["PublicationPlace"] = np.where(london, "london",
8                                np.where(oxford, "Oxford",
9                                pub.str.replace("-", " ")))
10 df["PublicationPlace"]
11 SAS.stxat(df, _outputs)
```

ESIGENZE

Change Management



CHANGE MANAGEMENT-VERSIONING

Integrazione con GitHub
Versionamento automatico del codice
Push & Pull del Codice
Acceleratore per sviluppare e mantenere il codice

History for Disc_Golf (Process Flow)

Compare Compare with Editor Edit Description Revert

Version	Date	Author	Description
3	3/27/2017 15:54:35	Casey Smith	Managerial Optimizations: Fixed Comment
2	3/27/2017 15:29:34	Casey Smith	Managerial Optimizations: removed unneeded code
1	3/27/2017 15:28:19	Joe Flynn	Implemented Disc Golf Program

Version 3 Changes made in version 3 Blame

```
1 data disc_golf (drop=i);
2   format datetime datetime18.;
3
4   /* Input Data */
5   infile 'c:\sgf\disc_golf.txt';
6   input datetime datetime18. player $27. course $CHAR15
```

Git Repositories

ADD OR CLONE A GIT REPOSITORY.

Add Repository

Clone Repository

You'll need to set up a Git profile before you can clone or open a Git repository. Select Options > Manage Git Connections.

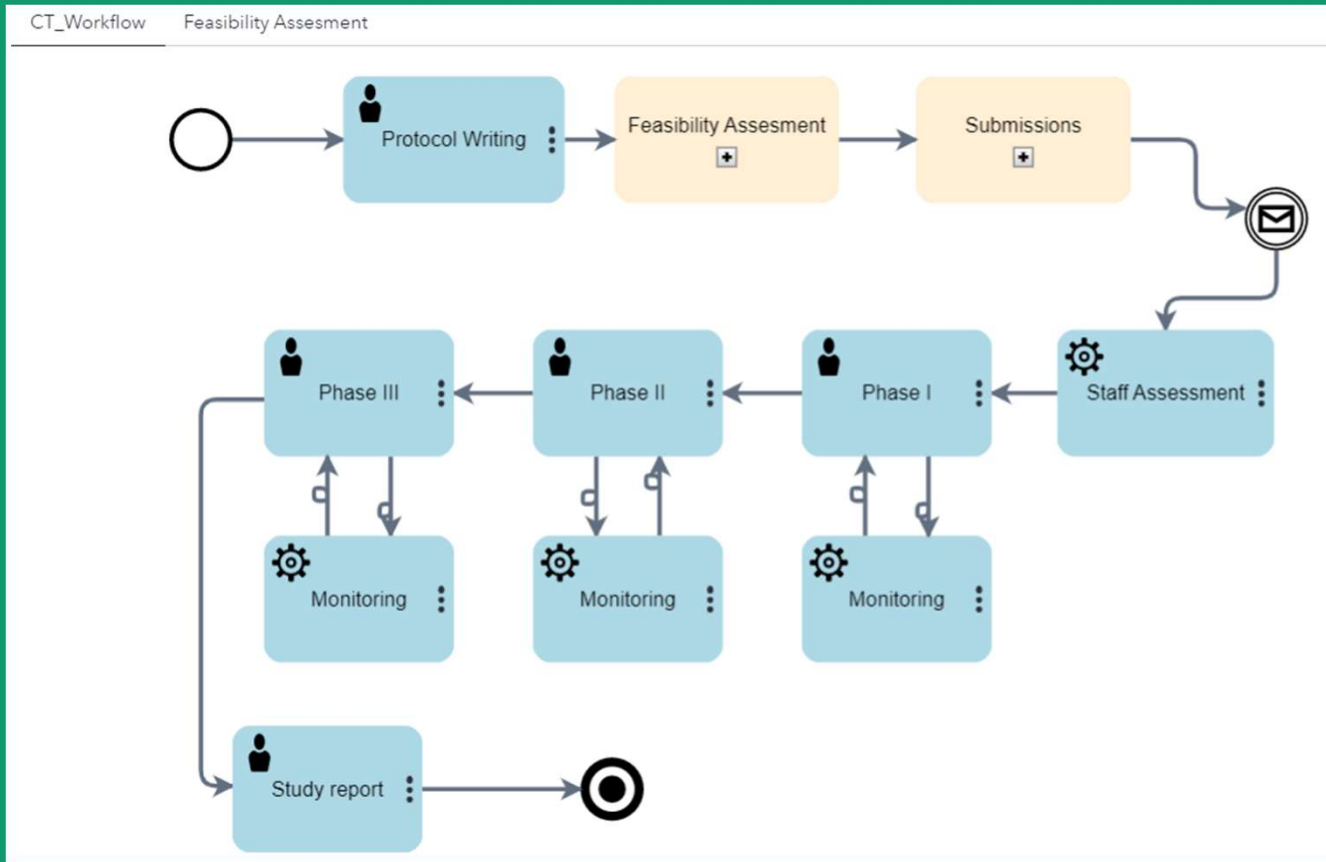
ESIGENZE

Collaborazione
Change Management



GOVERNO DEI PROCESSI

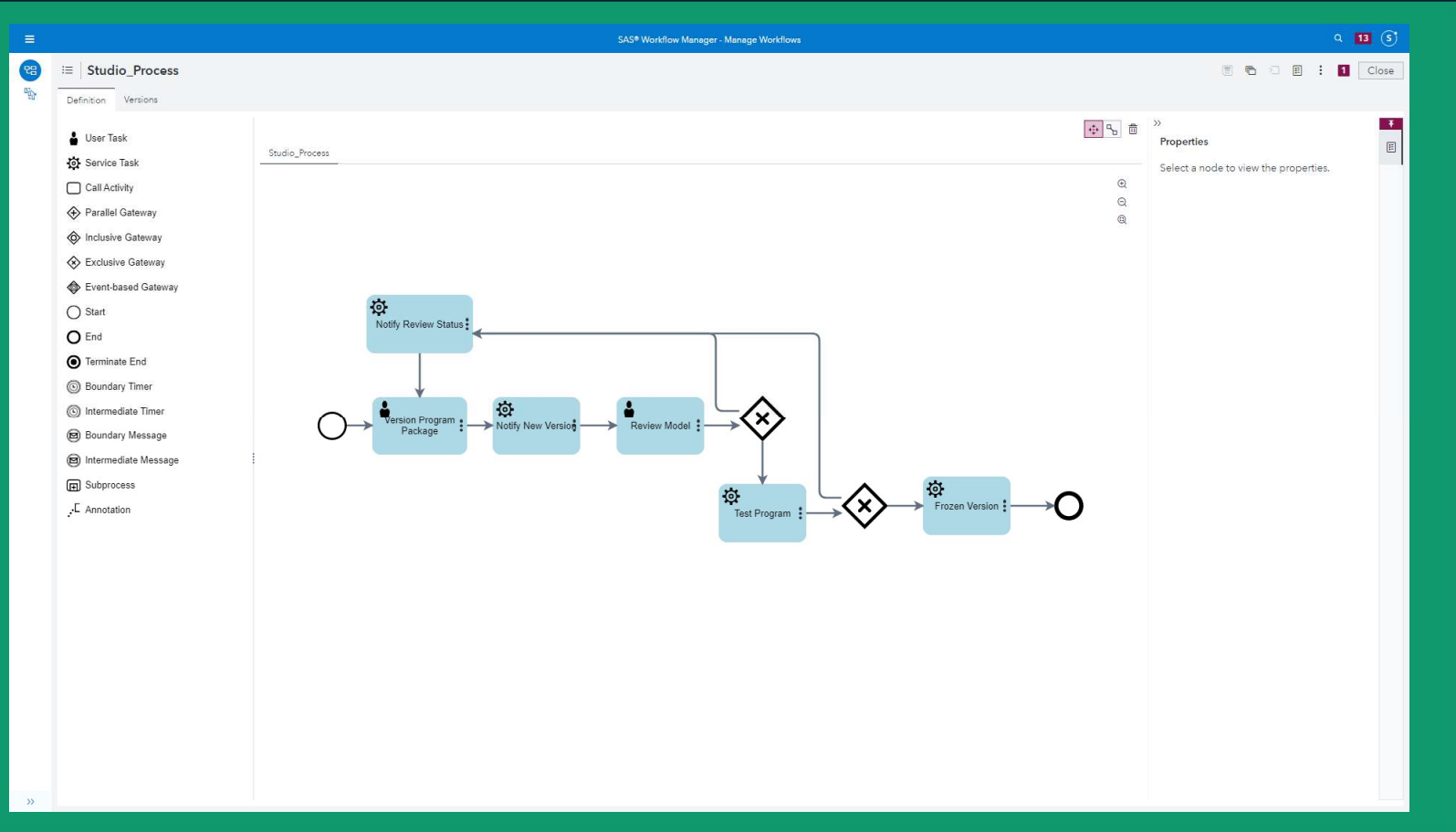
Disegno dei processi





GOVERNO DEI PROCESSI

Disegno dei processi

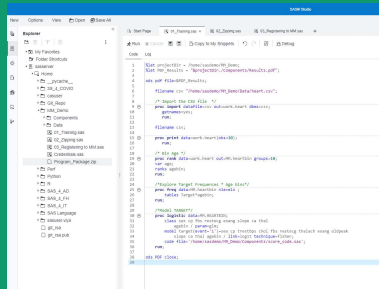




GOVERNO DEI PROCESSI

Documentazione e Controllo

Sviluppo di codice
(Open Source- SAS)



Aggiunta di
documentazione,
output, dati, ecc



Packaging e
Registrazione



Frozen Package
per Audit

Version	Modified By
2.0	Invalid
1.2	Invalid
1.1	Invalid
1.0	Invalid



AUTOMAZIONI

Business Rules & Analytical Rules- Definizione semplificata di regole di Business da interfaccia

▼ PremiumCustomerPath

IF

THEN

RETURN

> SecondTierPath : IF cust_LTV >= 0.8 AND cust_LTV < 0.9 AND price <= 5 THEN strategy='StraightThrough' AND

▼ ManualProcess

IF

AND

AND

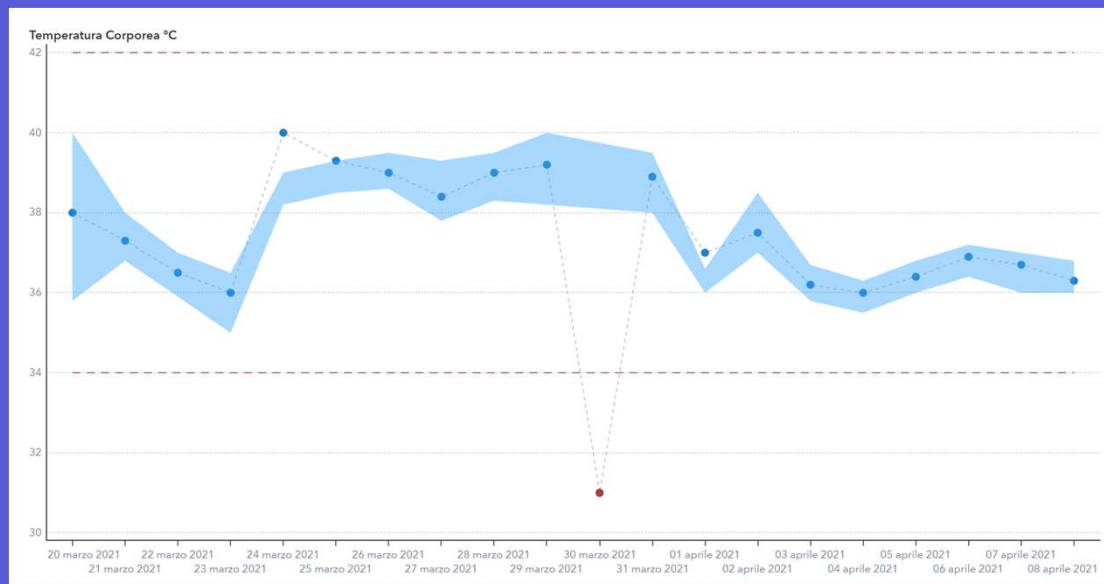
THEN

RETURN

▼ ManualProcess_lowLTV

IF

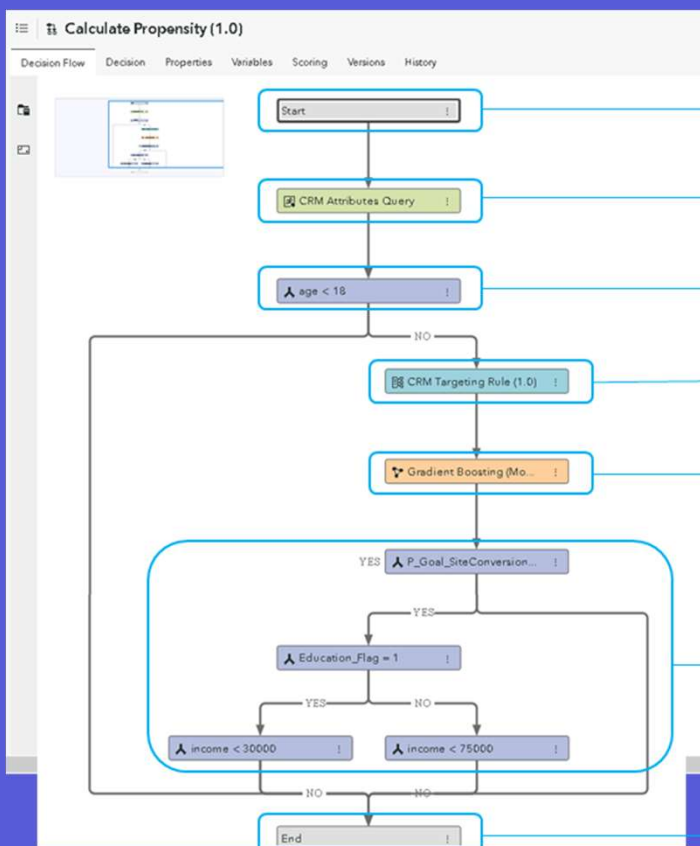
THEN





AUTOMAZIONI

Applicazione delle regole attraverso un flusso di decisioni automatiche



Event that triggers the decision

Lookup Query on CRO Datamart

Check eligibility

Applies Business Rules

Run Analytical Model

Split flow by data items

Return decision to the channel

THANK YOU!

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