

# Alteryx Analytics Platform

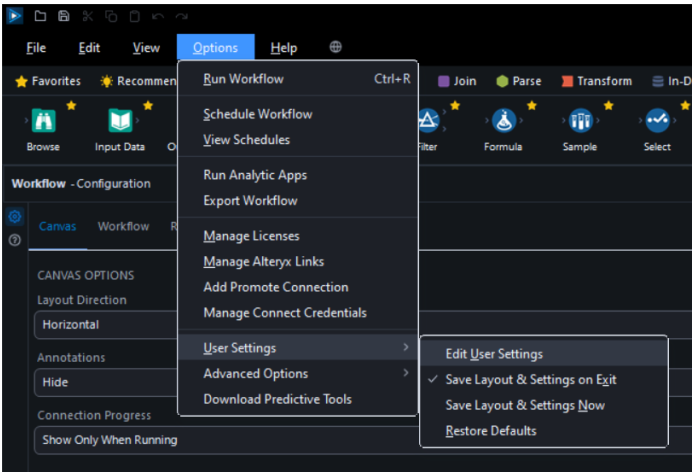
## What's new

Florian CARRIER  
Strategic Solution Consultant

alteryx

# What's New in Designer

## Dark Mode (BETA)



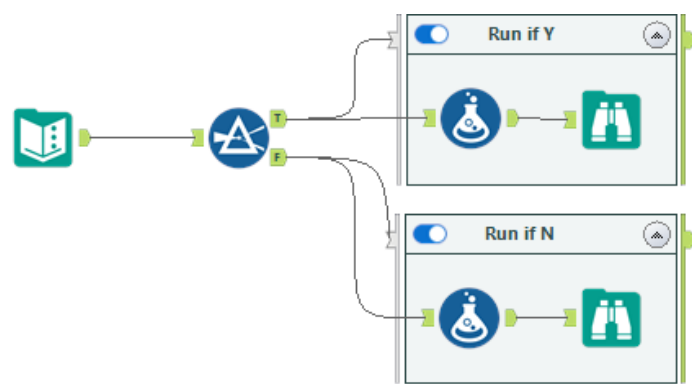
## Patching is now available



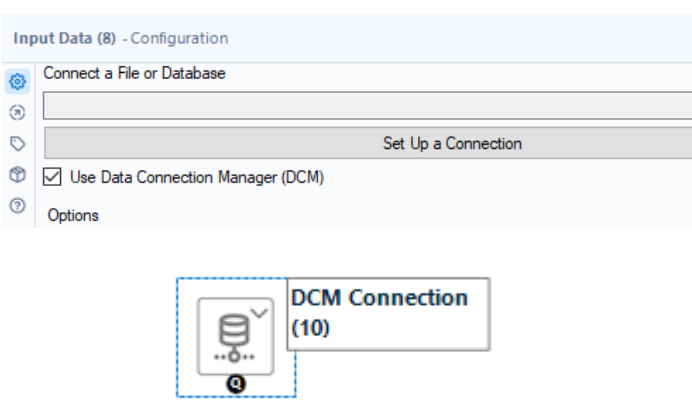
## AMP is now the default Engine



## Control Containers



## Data Connection Manager (DCM)



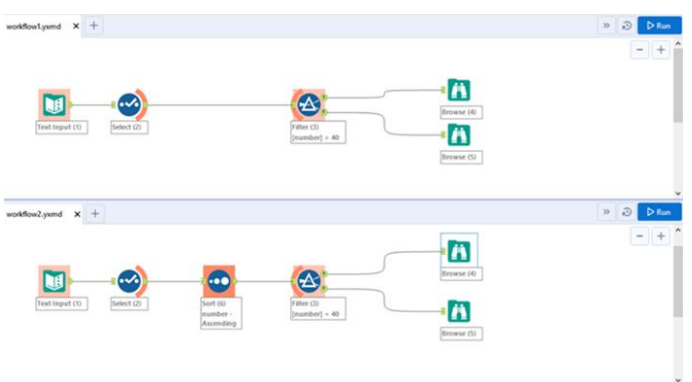
## New Intelligence Suite features



## New & Improved Connectors

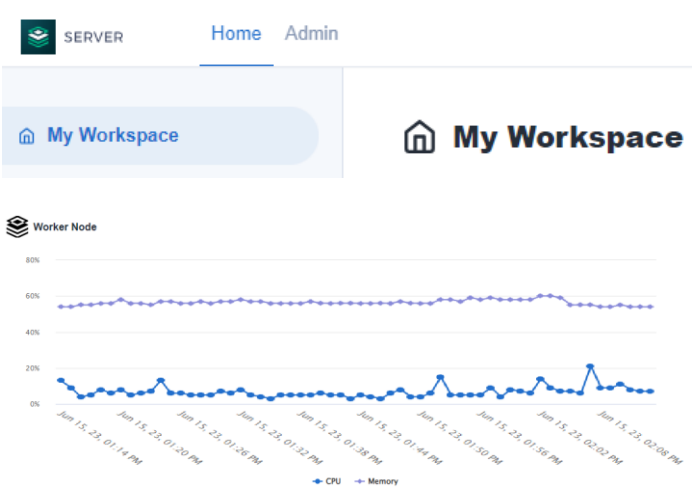


## Workflow Comparison



# What's New in Server

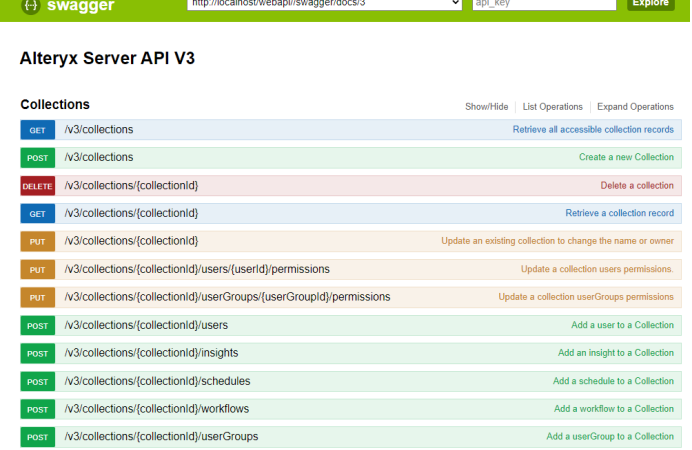
## New Server User Interface (UI)



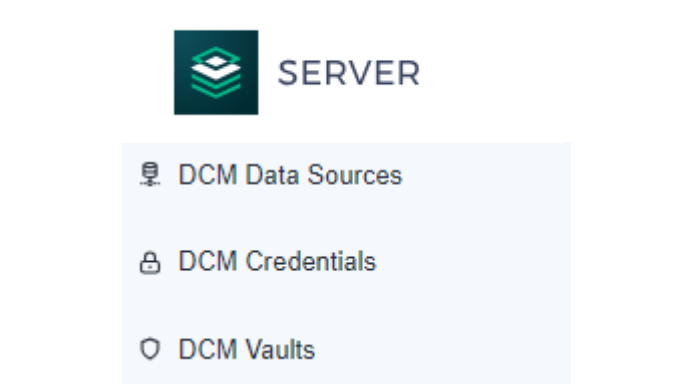
## Scheduler Forecasting



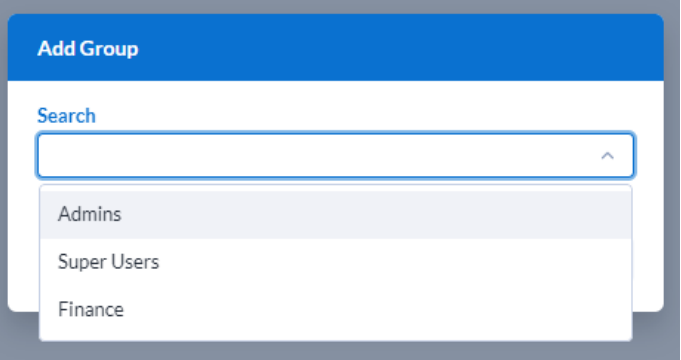
## Server API Improvements



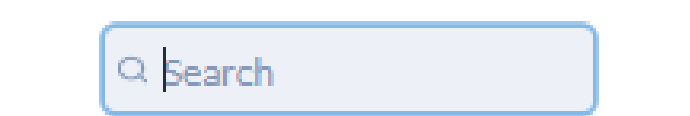
## Data Connection Manager (DCM)



## Data Connections with Groups



## Faster & Improved Search



## New Software Development Kit



2022.1

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# Designer 2022.1

*New Designer UI*

## New Designer User Interface (UI)

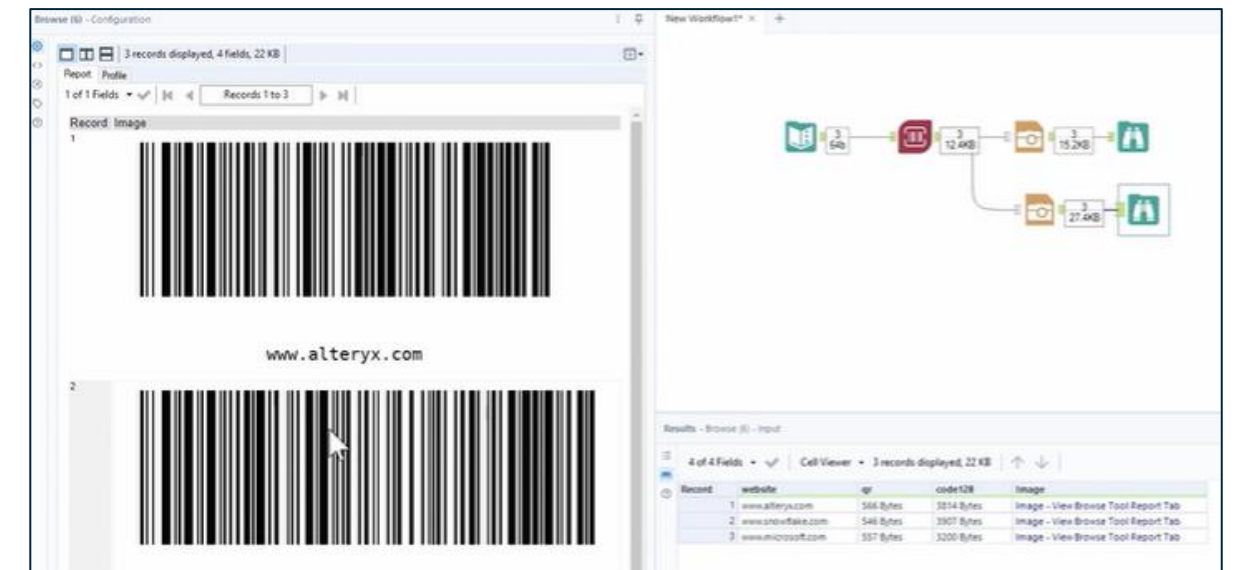
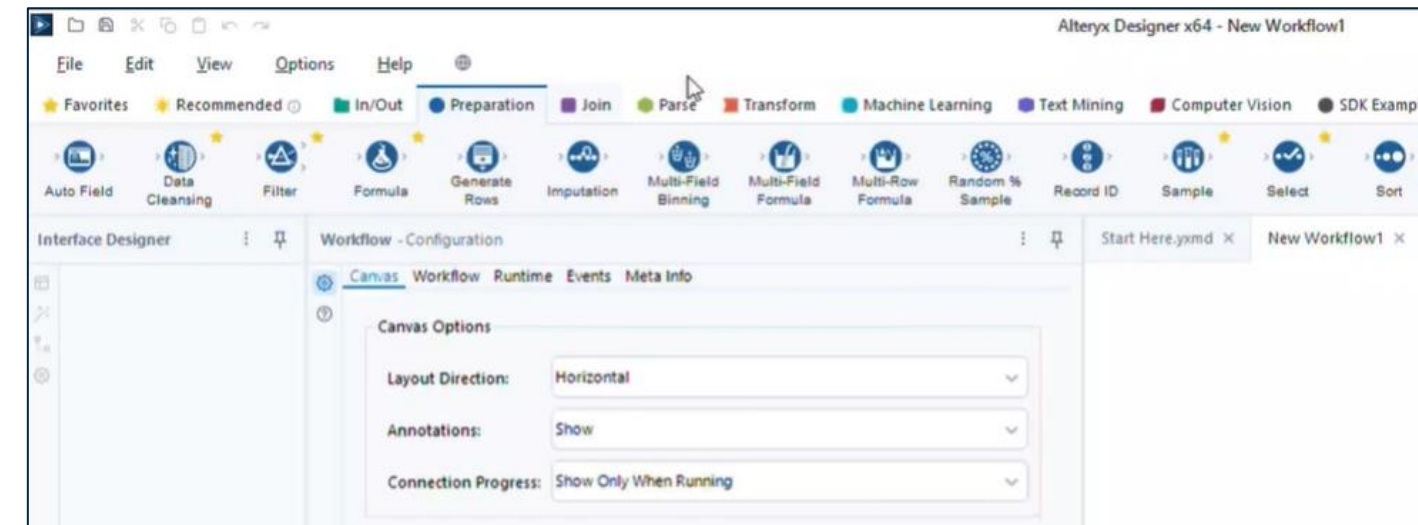
- Modernised tool icons, helps new and existing users to build workflows faster

## Cloud Connectivity

- Databricks Cloud Fetch allows parallel data fetching with Azure Data Lake and AWS
- Snowflake bulk loading has been improved by up to 80%
- Upload directly to our augmented analytics tool Auto Insights

## Even more data from Images with Intelligence Suite

- Barcode Tool identifies information from barcodes
- Part-of-Speech extracts speech in text to be processed in Natural Language Processing tools like Topic Modeling



*Read information from barcodes*

# Server 2022.1

## Server Localization (Beta)

- Additional language support in Server to include French, German, Japanese, LATAM Spanish, Brazilian Portuguese, Italian, and Simplified Chinese

## Further User Interface Redesign

- We've redesigned the Districts, Workflow Results, and Schedules user pages as well as Collections, Credentials, Users, and Groups admin pages. Maintaining functionality but improving ease-of-use

## Welcome New Server Users with an Email

- With SMTP configured, new users will receive an email to the server and to set their password

*Each user can make Server their own with Language and Locale settings*

*Know more about your Collections at a glance*

Name	Owner	Created	Workflows	Schedules	AD Users	User Groups
Finance Assets and Reconciliatio...	Ben Francis	August 12, ...	6	1	3	0
HR	Ben Francis	October 1...	2	0	1	0
Shipping Ops	Ben Francis	October 1...	1	1	1	0

**General**

First Name: Ben

Last Name: Francis

Time Zone: Europe/London(+00:00)

Language (Beta): English

Locale (Beta):

Cancel Save

**Workflow Defaults** | Edit

Credential Type

Username

2022.3

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# Designer 2022.3

## Data Connection Manager (DCM)

- Manage, share, and secure your data sources across Alteryx Designer and Server.
- Integrated environment for your third-party vault integrations, which also supports Azure AD OAuth and DSN-less connections for Databricks and Snowflake.

## PDF/Image to Text and Image Recognition Tool Enhancements

- Extract text encoded as characters directly from your PDF files with >99% accuracy. Add OCR to extract text from images for additional coverage.
- Added Evaluation Metrics and Model Report output anchors to the Image Recognition tool. Metrics include information on the precision, recall, and accuracy of each classification label.

The image shows two parts: a DCM 'New Credential' dialog and an Alteryx workflow diagram.

**DCM 'New Credential' Dialog:**

- Credential Name:** HFDS Credentials
- Vault:** HashiCorp - HashiCorpCredential
- Vault Path:** kvm\_v2/db/hdfs
- Method:** Username and password (selected from a dropdown menu that also includes OAuth Application for Snowflake, OAuth Tokens for Google BigQuery, OAuth Tokens for Google BigQuery Bulk, OAuth Tokens for Snowflake, User Token for Databricks on AWS, User Token for Databricks on Azure, Username, and Username and password).

**Alteryx Workflow Diagram:**

- The workflow starts with a **PDF to Text: Read Text Content Only with Risk Score and Image of Page Graphics selected** tool.
- It branches into two paths:
  - Path 1 (Top):** Goes through a **Filter: [Output Option] = "pdf graphics"** tool, then an **Image: Render Graphic from Bit in Field** tool.
  - Path 2 (Bottom):** Goes through a **Filter: [Graphic Text Risk] = "low"** tool, then a **Select: Downselect to just path field again** tool, then a **Unique: One record per path with medium or high risk** tool, and finally a **PDF to Text: Read Text and Graphic Content for files with significant graphic content** tool.
- The outputs of both paths are joined at a **Union: Bring back together output for higher and lower risk files** tool.

Work with unstructured data from source with the PDF to Text tool



# Server 2022.3

## Data Security and Data Protection Improvements

- Updated with the latest industry-standard cryptography
- Utilize the new [migration tool](#) to pre-migrate workflows and applications

## Data Connection Manager (DCM)

- Manage, share, and secure your data sources across Alteryx Designer and Server.
- Integrated environment for your third-party vault integrations, which also supports Azure AD OAuth and DSN-less connections for Databricks and Snowflake.

## Improving the Server Admin experience

- Jobs, Schedules, and Notification pages now have a more simplified and modern look to boost your productivity at scale

Data Connection Manager / Vaults / New

### Vaults

← New Data Source

Data Source Name \*

HashiCorp

Technology

HashiCorp Vault KV Version 1

URL \*

https://102.342.1.45

Schedules

Schedules Forecast Designer Migrations

Timezone Display - Asia/Dubai

5 Results

Name	Workflow	AMP	Assigned Worker	Created	Frequency
Hourly Customer Updates	Customer Analytics	—	None	Jan 04, 2023, 2:21 PM	Recurring every 1 hour
Quarterly SEC Filings	SEC Filings	—	None	Jan 04, 2023, 2:20 PM	Custom at 14:19:00 on Last days...
Annual SEC Filing	SEC Filings	—	None	Jan 04, 2023, 2:19 PM	Custom at 14:18:00 on 1st day of...
Impact Analysis Monthly	New Location Impact An...	—	None	Jan 04, 2023, 2:18 PM	Recurring at 14:17:00 on 1st Mond...
Customer Analytics	Customer Analytics	—	None	Jan 03, 2023, 4:43 PM	Recurring at 16:43:00 on 1st Mond...

Improved helicopter view for the Alteryx Server Admin

2023.1

Enterprise Ready, Cloud Friendly

alteryx

# Designer 2023.1

## Dark mode (BETA)

- New dark mode user interface theme

## Control Containers

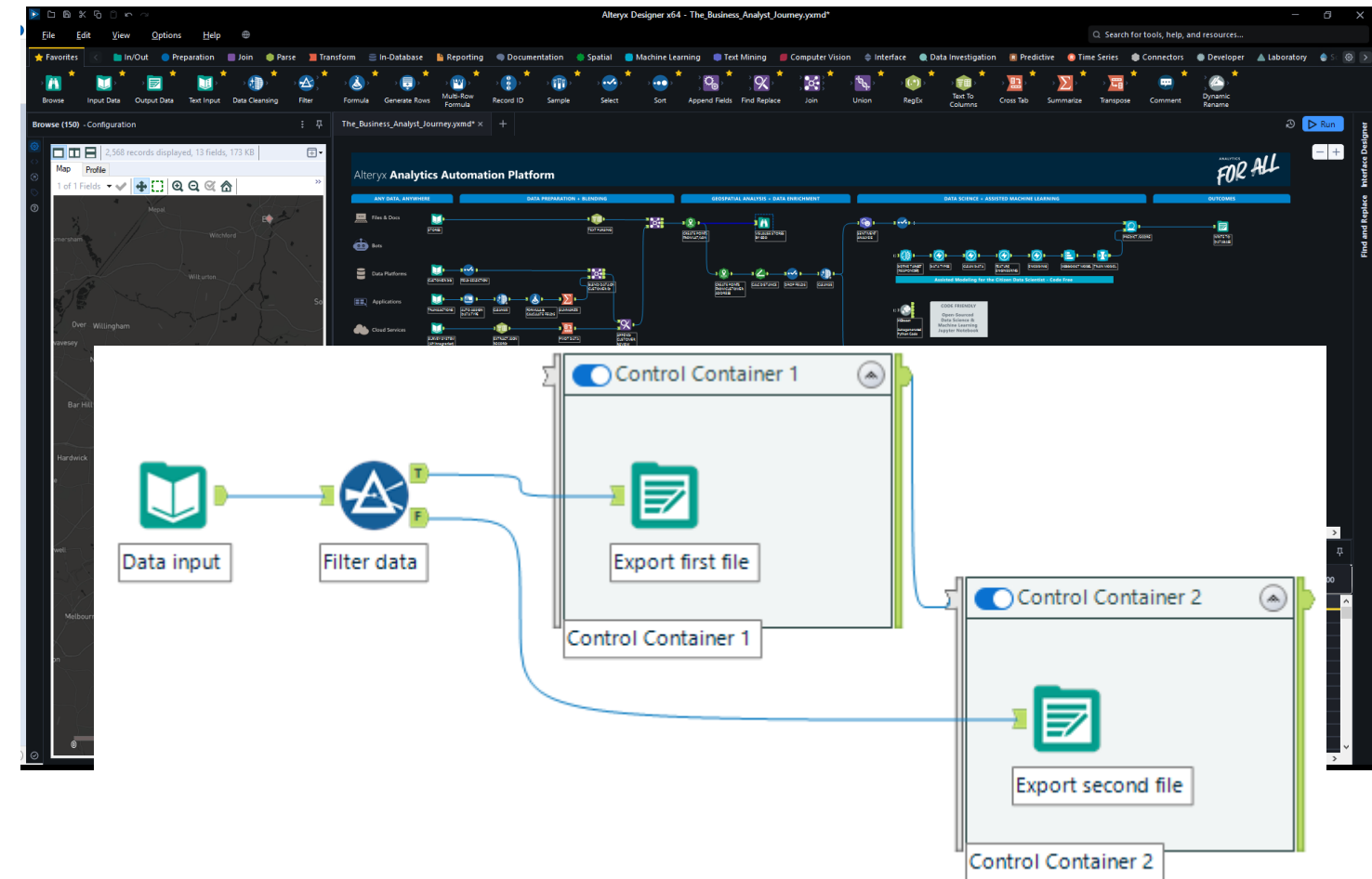
- Control the order of a workflow's execution
- Introduce logic to control execution in a specific order or that only specific conditions trigger downstream logic
- For example, writing a new file and use it within the same workflow

## Text Classification

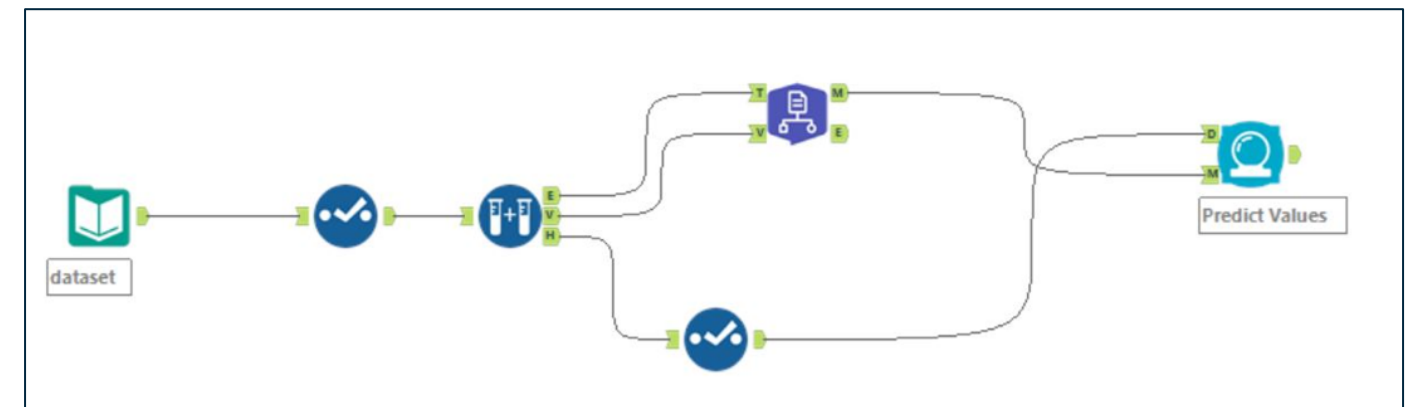
- Extract text data from PDF and images to classify into groups using labelled training data

## PDF to Text

- Dedicated tool to extract text from PDF documents



Control Containers – control the flow of your workflows



Drag & drop NLP – access, extract, cleanse and analyse your unstructured data for insights

# Server 2023.1

## Enterprise API support

- Admins now able to add/remove entire AD groups to Server Custom user groups
- API support to upload a new version of an existing Alteryx workflow on the Server

## Azure AD Support with SAML Authentication

- Admins can sync users and group access to Server using Azure AD and SCIM protocol
- Manage user and group permissions from your identity provider as a single source of truth

swagger		http://localhost/webapi/swagger/docs/3	api_key	Explore
Alteryx Server API V3				
Collections <span>Show/Hide</span> <span>List Operations</span> <span>Expand Operations</span>				
GET	/v3/collections	Retrieve all accessible collection records		
POST	/v3/collections	Create a new Collection		
DELETE	/v3/collections/{collectionId}	Delete a collection		
GET	/v3/collections/{collectionId}	Retrieve a collection record		
PUT	/v3/collections/{collectionId}	Update an existing collection to change the name or owner		
PUT	/v3/collections/{collectionId}/users/{userId}/permissions	Update a collection users permissions.		
PUT	/v3/collections/{collectionId}/userGroups/{userGroupId}/permissions	Update a collection userGroups permissions		
POST	/v3/collections/{collectionId}/users	Add a user to a Collection		
POST	/v3/collections/{collectionId}/insights	Add an insight to a Collection		
POST	/v3/collections/{collectionId}/schedules	Add a schedule to a Collection		
POST	/v3/collections/{collectionId}/workflows	Add a workflow to a Collection		
POST	/v3/collections/{collectionId}/userGroups	Add a userGroup to a Collection		

<https://community.alteryx.com/t5/Analytics/2023-1-Enterprise-Ready-Cloud-Friendly/ba-p/1116702>

DESIGNER

SERVER

2021.1

- AutoML, Build Features, Data Health, Feature Types
- Text pre-processing with stop words
- Set AMP with User Settings as default
- Palette shortcuts Snowflake Bulk Loader
- Download built in throttle for API calls
- HTML Dev tools

- Schedule Forecasting

2021.2

- Intelligence Suite palette: Computer Vision
- Connector Enhancements: Salesforce and Big Query
- Data cleansing results grid enhancements
- R code and code page enhancements

- API enhancements
- Data connection with groups
- Filter on user settings

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**DESIGNER**

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**SERVER**

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**2021.3**

- Compare workflows
- Recommended tools
- Tool container enhancements
- Generate support file
- PowerBI enhancement and UiPath integration
- Computer vision enhancements

- Faster schedule forecast feature
- UI Enhancements

**2021.4**

- Data Connection Manager (DCM)
- Desktop & Designer Cloud Interoperability
- Platform SDK v2
- Generate Tech Support File
- Link Error Messages to KB Articles
- XML Parse Enhancements
- UX/UI Improvements
- Runner Macro Tool now Core Tool
- Enable Record Limit on All Inputs with AMP Engine
- Engine Compatibility Mode with AMP Engine

- Data Connection Manager (DCM)
- Admin API v3
- Mongo v4.2 Upgrade
- UX/UI Improvements
- User Profile Updated
- My Workspace User View
- Workflow Details Updated

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**DESIGNER**

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**SERVER**

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**2022.1**

- [Designer Restyle](#)
- [Updated Gallery References to Server](#)
- [AMP as Default](#)

- [AMP Enabled by Default](#)
- [OAuth1 API Deprecation](#)
- [Localization](#)
- [Options for Login Attempts Security](#)

**2022.2  
FIPS**

- [FIPS 140-2 capable option](#)
- [Designer-FIPS Interoperability with Server-FIPS](#)
- [Data cleansing results grid enhancements](#)
- [R code and code page enhancements](#)

- [Server Settings Specific for FIPS Version](#)
- [Server UI Redesign](#)
- [Designer-FIPS Interoperability with Server-FIPS](#)

**2022.3**

- [OpenSSL3 Cryptographic Module Updates](#)
- [DCM External Vault](#)
- [Installer Updates](#)
- [Search in Select, Formula Tool Enhancements, Disable Single Output Data Tool](#)
- [Multi Anchor Caching](#)
- [Google BigQuery Bulk Loading and In-DB support](#)
- [Azure AD Support for Snowflake and for Databricks](#)

- [Data Security and Data Protection Improvements](#)
- [Connect and Share Data Sources Easily with Alteryx Data Connection Manager \(DCM\)](#)
- [Improved Server Admin experience](#)



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## DESIGNER

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## SERVER

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2023.1

- DCM External Vaults – AWS Secrets Manager
- DCM Links – Cloud Execution
- Okta Support for Snowflake & SAP Hana Cloud
- Azure AD Authentication for SAP Hana Cloud
- Denodo Support (DSN-less & InDB)
- Assume Role (IAM) for Amazon S3 Tools
- Tableau and Google Analytics 4 Input
- ServiceNow and Anaplan FIPS capable
- Control Containers
- New Formula Functions
- Dark Mode Beta
- Text Classification
- “Auto” Mode in Align Step in Image Processing
- Enhance Step in Image Processing

- Azure AD Group Support for SAML Auth
- DCM Connection Syncing Options from Server to Designer
- Data Connections Governance Options
- APIs to Add AD Group to Custom Server Group and Version a Workflow
- UI Updates
- Better & Faster Global Search
- Allow Workers to Connect to MongoDB using Different Connection Strings than the Controller

# Alteryx Community

## Blog articles

1. [2023.1 Enterprise Ready, Cloud Friendly](#)
  1. [Control Containers: Take Control of Your Workflow](#)
  2. [Customer-Managed Telemetry: A Window into Workflow Transparency](#)
2. [New Products and Functionality Unveiled for Alteryx Analytics Cloud Platform](#)
3. [Alteryx Announces Generative AI Capabilities: AiDIN](#)
  1. [Introducing the Workflow Summary Tool, Powered by Generative AI](#)
  2. [The New Alteryx Auto Insights Magic Documents](#)

# Alteryx Community

Additional resources

1. [Alteryx Mission Control](#)
2. [Alteryx Academy](#)
3. [Alteryx Product Ideas Board](#)
4. [Alteryx User Experience Research Panel](#)
5. [Alteryx Pilot \(Beta\) Program](#)
6. [Alteryx IO: New intuitive developer centre](#)
7. [Release Notes & Help Versions](#)
8. [Dark Mode for Alteryx Community & Gallery--Join the Dark Side!](#)

# THANK YOU

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