

Module 05, Part 1 — Generative Classifier & Extractor: Practical Exercise Steps

Configuring a Generative Classifier and Generative Extractor in UiPath Studio.

1. Reuse the Earlier UiPath Studio Workflow

SETUP

1. Use the UiPath Studio Workflow from the “**Structured Documents**” module.
2. Open the **Main** workflow.

2. Configure Document Inputs

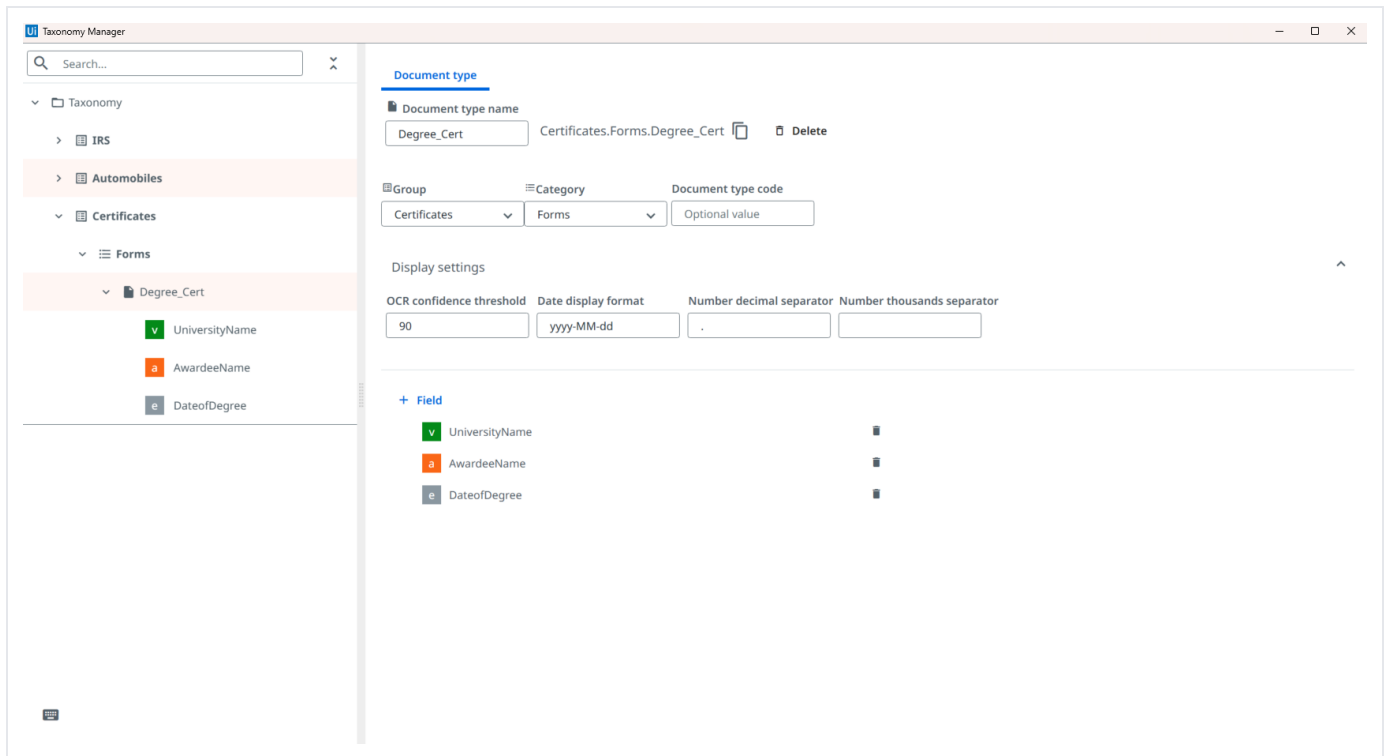
DATA

1. Place sample documents in the Data → Input folder.

3. Configure the Taxonomy

CONFIGURATION

1. Open **Taxonomy Manager**.
2. Create the required document types:
 - Group: Certificates
 - Category: Forms
 - Document Type: Degree_Cert
3. Create 3 extraction fields:
 - UniversityName (type: Text)
 - AwardeeName (type: Text)
 - DateofDegree (type: Date)



Taxonomy Manager with document types and fields

1. Save the taxonomy.

4. Add a Generative Classifier

CLASSIFIER

1. Under the **Classify Document Scope** in the workflow, add a **Generative Classifier**.
2. Click **Manage Field Details** on the Generative Classifier.
3. For the Degree_Cert document type, provide a natural-language description and Save.

Generative Classifier Prompt

Document Types	Field Details
Form1040X	
VehicleRegistrationForm	
Degree_Cert	Is this a Degree Certificate ?

Save

Cancel

Generative Classifier — Manage Field Details

1. Example: Degree_Cert → *"Is this a Degree Certificate?"*
2. Click **Configure Classifier** and save the below configuration.


Configure Classifiers

Configure Classifiers

Configure which classifiers you want to apply to each document type.

To activate classifiers for certain document types, check the appropriate boxes in the configurator.

For classifiers that use your defined taxonomy for configuration and classification, entering the unique IDs for document types is optional.

For classifiers that have their own internal taxonomy, provide the internal taxonomy unique IDs for document types for which the classifier will be activated.

Document Types	Intelligent Keyword Classifier		Generative Classifier	
	Minimum Confidence %	0	Minimum Confidence %	0
Form1040X	☒		☐	
VehicleRegistrationForm	☒		☐	
Degree_Cert	☐		☒	

Save
Cancel

Generative Classifier configuration settings

5. Configure a Generative Extractor

EXTRACTOR

- Under the **Data Extraction Scope** in the workflow, add a **Generative Extractor**.
- Click **Manage Field Details** on the Generative Extractor.

Generative Extractor Prompt

Extractors Details

Long Document Simple Layout Extractor -
Long Document Complex Layout Extractor (preview) - Complex layout, long documents extractor optimized for long form documents that include tables, images, handwriting, form elements or other complex layouts like floating...
Short Document Complex Layout Extractor (preview) - Complex layout, short documents (a maximum of 10 pages) extractor optimized for shorter documents that include tables, images, handwriting, form elements or other com...

Document Types and Fields	Field Details
▶ Form1040X	Long Document Simple Layout Extractor ▼
▶ VehicleRegistrationForm	Long Document Simple Layout Extractor ▼
▼ Degree_Cert	Long Document Simple Layout Extractor ▼
UniversityName	What is the name of the institute awarding Degree ?
AwardeeName	Name of the person to which degree is awarded ?
DateofDegree	Date of Issue of degree

Save
Cancel

Generative Extractor — Manage Field Details

- Set prompts for each field:
 - UniversityName: What is the name of the institute awarding the Degree?
 - AwardeeName: Name of the person to which degree is awarded?
 - DateofDegree: Date of Issue of degree
- Save.
- Click **Configure Extractor**. Do the below configuration and Save.


Configure Extractors

Configure Extractors

Configure which extractors you want to apply to each document type and field.

To activate extractors for certain fields, check the appropriate boxes in the configurator.

For extractors that use your defined taxonomy for configuration and data extraction, entering the unique IDs for document types and fields is optional.

For extractors that have their own internal taxonomy, provide the internal taxonomy unique IDs for both document types and fields for which the extractor will be activated.

Document Types and Fields	Form Extractor		Regex Based Extractor		Generative Extractor	
	Framework Alias	Minimum Confidence %	Framework Alias	Minimum Confidence %	Framework Alias	Minimum Confidence %
▶ Form1040X	☒		☐		☐	
▶ VehicleRegistrationForm	☐		☒		☐	
▼ Degree_Cert	☒		☒		☒	
UniversityName	☐		☐		☒	
AwardeeName	☐		☐		☒	
DateofDegree	☐		☐		☒	

Save

Cancel

Configure Extractor settings

6. Execute Extraction

EXECUTION

1. Run the workflow.
2. Observe the output logs and verify:
 - Taxonomy loaded successfully
 - Classification completed
 - Extraction completed
 - Extracted fields are returned

7. Validate Extraction Results

VALIDATION

1. In the **Present Validation Station** after the extraction step.
2. Review extracted values.
3. Correct any incorrectly extracted fields.
4. Submit validation results.