

ABBYY



ABBYY Vantage

Truth in Lending Disclosure Statement Document Skill Guide

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About ABBYY Vantage


ABBYY Vantage is a comprehensive Content Intelligence platform that provides AI-powered cognitive services and pre-trained and trainable skills that can "understand" business documents and extract actionable data and insights.

This no-code / low-code platform makes today's digital worker and processes smarter and empowers the new citizen developer to accelerate digital transformation initiatives and expand automation to new processes in a fast and simple way, making an immediate impact on business results and customer experience.

Types of documents that can be processed with Vantage

Vantage is capable of processing structured, semi-structured, and unstructured documents in a variety of input formats and languages.

- **Structured documents** are documents which always include the exact type of information in the exact same locations. One example of structured documents are pre-formatted forms.
- **Semi-structured documents** are documents which generally include the same or similar information, but in each document the location, size, and number of fields may vary from document to document. Examples of semi-structured documents are bills, payment orders, and invoices.
- **Unstructured documents** are documents which consist of continuous text. Required information is usually located inside a sentence that can be on any page of the document. Examples of unstructured documents are contracts, lease agreements, and e-mail messages.

 **Note:** Use Advanced Designer to create skills for extracting data from unstructured documents.

The Vantage platform comes with a set of built-in skills, which can extract data from certain document types out-of-the-box (i.e. invoices, purchase orders, receipts, bills of lading, delivery notes). These skills can be adjusted according to specific requirements and further trained based on customer-specific documents.

Vantage users have also the option to design and train a completely new Document skill, Classification skill, and/or Process skill based on their own document set.

Truth in Lending Disclosure Statement - Document Skill

The **Truth in Lending Disclosure Statement** skill extracts data from Truth-in-Lending disclosure statements, which are reports that contain information (preliminary or final) about a mortgage loan, specifically - information about the lender, borrower, interest rate, monthly payments, and settlement fees.

The Truth in Lending Disclosure Statement skill is a preview skill. It has been trained on a small document set and is intended to be used by citizen developers as a quick-start basis for processing Truth-in-Lending disclosure statements. The skill may require further training on your specific documents in order to be used in production scenarios.

Countries and Languages

Countries	Languages
USA	English

Extracted Fields

Field		Description
Type	Preliminary	Specifies that preliminary mortgage terms are evaluated in the document.
	Final	Specifies that final mortgage terms are evaluated in the document.
Date		The document registration date.
Loan Number		The loan identifier.
Lender Name		The name of the lending organization.
Lender Address		The address of the lending organization.
Borrower Name		The name of the borrower.
Borrower Address		The address of the borrower.
Co-Borrower Name		The name of the co-borrower.
Property Address		The address of the financed property.
Annual Percentage Rate		The annual interest rate.
Finance Charge		The total cost of the mortgage loan, including the total interest and other charges.
Amount Financed		The amount loaned to the borrower.
Total of Payments		The total amount payable by the borrower to the lending organization (Finance Charge + Amount Financed).
Payment Schedule (repeating group)	Number of Payments	The number of payments.
	Amount of Payments	The size of a single payment.
	Payments Due	The payment due date.
Interest Rate		The mortgage interest rate.
Principal and Interest Payment		The monthly payment breakdown (into principal and interest parts).

Field		Description
Escrow (est. Taxes and Insurance)		The estimated amount required to cover monthly escrow charges.
Total est. Monthly Payment		The total estimated monthly payment.
Demand Feature		Specifies whether the lending organization is able to call the loan at any time before the due date.
Variable Rate Applicable		Specifies whether the interest rate is a variable interest rate.
Variable Rate Not Applicable		
Security Property Address		The address of the security property.
Late Charge Days		The number of days after which a late charge will be levied for an overdue payment.
Based on Overdue Payment		Specifies whether the amount levied for a late charge is based on the size of the overdue amount.
Based on Overdue Payment %		The percentage of the overdue amount that is charged by the lending organization if the payment is not made in full by the end of the specified late period (Late Charge Days).
Based on Overdue Payment of Principal and Interest		Specifies whether the late charge is based on the monthly principal and interest payment amounts (Principal and Interest Payment).
Based on Overdue Payment of Principal and Interest %		The percentage of the monthly payment (Principal and Interest Payment) payable by the borrower to the lending organization if the payment is not made in full by the end of the specified late period (Late Charge Days).
Based on Range		Specifies whether the late charge amount has to be within a specific range.
Based on Range Min		The minimum and maximum possible late charge amounts.
Based on Range Max		
Conditional Charge	The Lesser	Specifies that the late charge will be equal to the lesser amount between (Default %) and (Threshold sum).
	The Greater	Specifies that the late charge will be equal to the greater amount between (Default %) and (Threshold sum).
	Equal To	Specifies that the late charge will be a fixed amount (Threshold sum).

Field		Description
	Default %	If a different late charge amount is not specified, specifies the percentage of the unpaid amount that is payable by the borrower to the lending organization if the payment is not made in full by the end of the specified late period (Late Charge Days).
	Threshold sum	If a different late charge amount is not specified, specifies the fixed amount payable by the borrower to the lending organization if the payment is not made in full by the end of the specified late period (Late Charge Days).
Filing or Recording Fees		The mortgage loan filing and registration charges.
Prepayment	Penalty	Specifies whether there are additional charges for early repayment.
	No Penalty	
	Entitled to Finance Charge Refund	Specifies whether the borrower is entitled to a finance charge refund in case of early repayment.
	Not Entitled to Finance Charge Refund	
Assumption	Not Allowed to Assume	Specifies whether the mortgage is an assumable mortgage.
	May be Allowed to Assume	
Property Insurance	Not Available	Specifies that the lending organization does not offer property insurance.
	Available Through	The name of the organization providing the property insurance.
	Insurance	The property insurance payment size.
	Insurance Term	The property insurance payment term.

Key Fields

- Date
- Loan Number
- Borrower Name
- Co-Borrower Name
- Property Address


- Annual Percentage Rate
- Finance Charge

Validation Rules

Rule	Description
Demand Feature Checkmark Check	Sets the value of the Demand Feature checkmark depending on the text description.
Variable Rate Applicable Checkmark Check	Sets the value of the Variable Rate Applicable checkmark depending on the text description.
Variable Rate Not Applicable Checkmark Check	<p>Sets the value of the Variable Rate Not Applicable checkmark:</p> <ul style="list-style-type: none"> • when the checkmark is missing from the form • depending on the text description

Using a Skill in ABBYY Vantage

To use a skill in ABBYY Vantage, you need to import it to your **Skill Catalog**.

To import a skill, open the **Skill Catalog** and click the  **Import** button in the toolbar. In the dialog box that will open, specify a path to the archive that contains the skill you are importing.


This skill will be uploaded to your **Skill Catalog** and published.

If the chosen archive is larger than 2 GB, you will see a dialog box with a link to a shared folder and its credentials.

You should open this folder and upload the archive. The skill will be imported to Vantage automatically. The archive will then be deleted from the shared folder. All files uploaded to this folder afterwards will be transferred to the exception folder. Hence you may use this folder to import only one skill. The folder remains active for 14 days.

The version of the imported skill will be 1.0. If such a skill previously existed in the tenant and was deleted, the version number of the deleted skill will be incremented and assigned to the imported skill. The version number of the imported built-in skills is always the same as at the time of export.

If the skill you are importing already exists in your **Skill Catalog**, ABBYY Vantage will display a warning message and will ask whether you want to create a new version of the existing skill or save the new skill under a different name. If you choose the latter, the new skill will be called *<Imported skill name New>*.

 **Note:** Vantage supports the import of skills exported from Advanced Designer. However, such skills will only be trainable in Vantage if a Fast Learning activity was added to the document processing flow in Advanced Designer.

Importing a Document skill with data catalogs

Data catalogs exported with a skill are imported according to the table below:

Does a catalog with the same name exist in your tenant?		Import of the catalog	Import of the data (if data was exported)
No		The catalog is imported.	The data is imported.
Yes	The set of columns and their types are the same.	The catalog is not imported.	The data is imported. Previous data in the catalog is lost.
	The set of columns and/or their types differ.	The catalog is imported with the name <Catalog_name Skill_name>.	The data is imported.


Importing a Process skill

If you import a Process skill that was exported without referenced skills, you have to make sure that all the referenced skills exist in the **Skill Catalog**. If necessary, such skills should be imported before the Process skill, otherwise you'll get an error when importing the Process skill.


If you import a Process skill that was exported with referenced skills, they will be imported as follows:


- If such a skill exists in the Catalog, it will not be imported. The skill from the Catalog will be used, even if the skill in the import archive has a newer version.
- If a skill with the same name exists in the Catalog, the skill will be imported and renamed. The link in the Process skill will be updated.

If the imported skill has shared folder import set up, this feature needs to be enabled manually after the import.

 **Note:** The availability of this feature depends on the user's role. For more information about roles, see Role-Based Access Control.

To publish a skill:

1. Select one by left-clicking it and then click  **Publish** in the toolbar. This will open the Skill Designer's **Publish** tab, where you will have to fill out some information.
2. Click the **Publish Skill** button either at the bottom of the Skill Designer window or in the **Actions** pane.

 **Note:** The availability of this feature depends on the user's role. For more information about roles, see Role-Based Access Control.

You can start using a skill right away or try it out on your documents first. To try out a skill, click the **Try** button in the **Skill Catalog**.

For more information on importing, publishing, or trying out skills, please refer to the ABBYY Vantage Skill Catalog Guide.

If a skill does not fully meet your processing requirements, you can edit it to suit your needs. For detailed instructions, please refer to the ABBYY Vantage Skill Designer Guide.

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