



# Automated Data Security: Identifying Sensitive Data with Microsoft Purview

**Myron Helgering**

Level: Intermediate

Visual Studio **LIVE!**  
EXPERT SOLUTIONS FOR ENTERPRISE DEVELOPERS

Data Platform **LIVE!**  
INSIGHTS FOR MANAGING YOUR DATA ECOSYSTEM

**TECHMENTOR**  
IN-DEPTH TRAINING FOR IT PROS

Artificial  
Intelligence **LIVE!**  
AI FOR DEVELOPERS AND DATA SCIENTISTS

Cloud & Containers **LIVE!**  
CLOUD-NATIVE, PEAK & SERVERLESS COMPUTING

Cybersecurity  
& Ransomware **LIVE!**  
DEFENDING AGAINST RANSOMWARE AND OTHER ATTACKS

# Session Survey

- Your feedback is very important to us
- Please take a moment to complete the session survey found in the mobile app
- Use the QR code or search for “Converge360 Events” in your app store
- Find this session on the Agenda tab
- Click “Session Evaluation”
- Thank you!



# About me

- Solution Lead @ Pink Elephant
- Microsoft Security MVP
- Blogger and Speaker
- Fantasy geek



Myron Helgering



[in/myronhelgering](https://www.linkedin.com/in/myronhelgering)



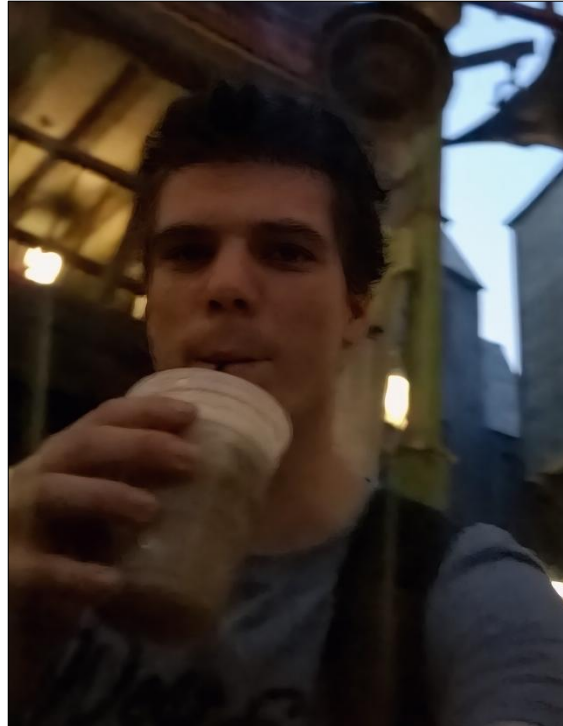
[myronhelgering.com](https://myronhelgering.com)

# I Orlando

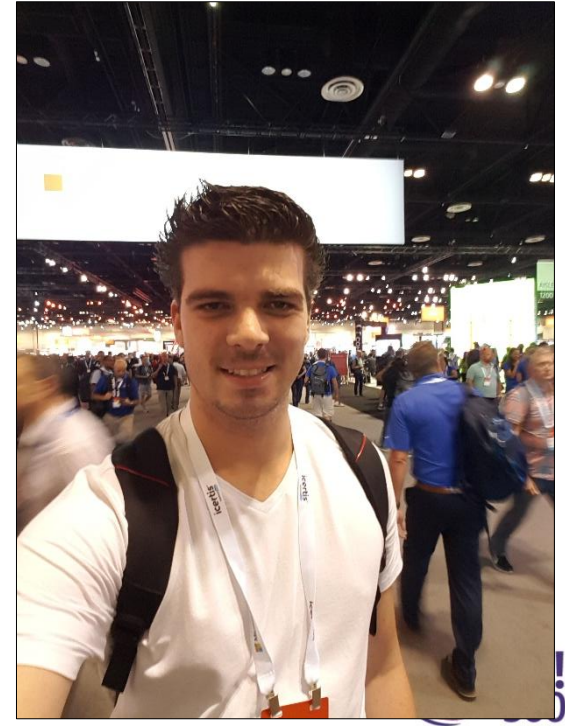
2007



2016



2018

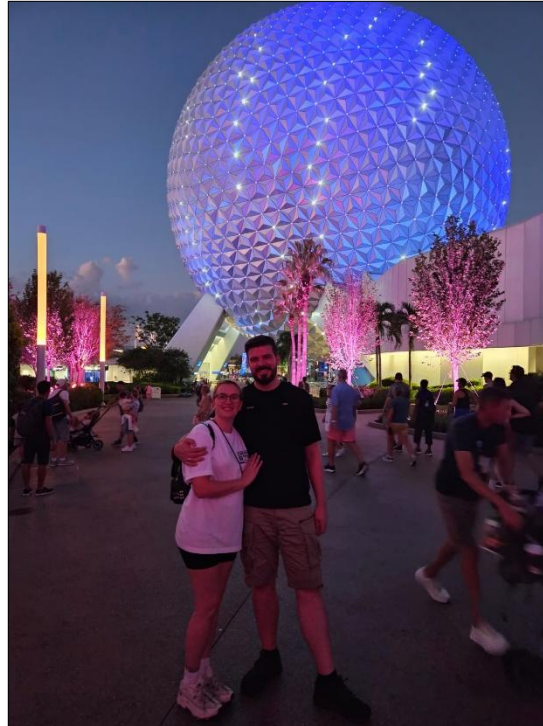


# I Orlando

2019



2024



2025



# Agenda

01

Introduction

04

Trainable Classifiers

02

Sensitive Information  
Types

05

Exact Data Match  
Classifiers

03

Fingerprint SITs

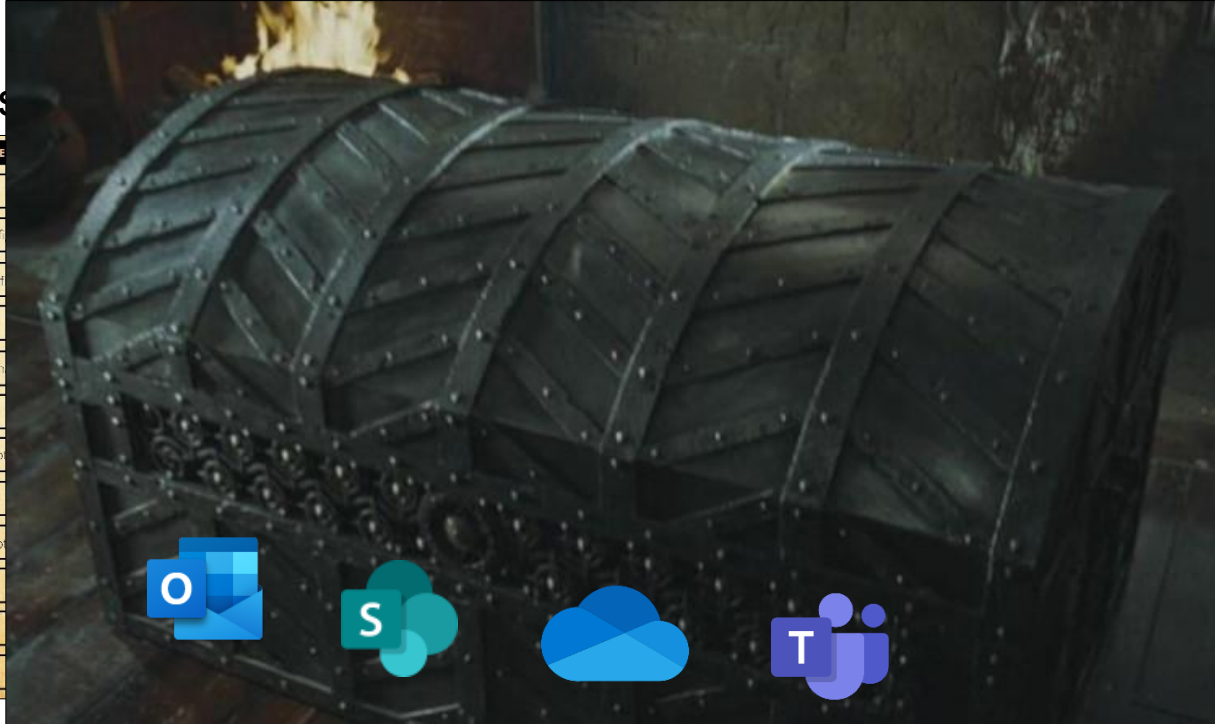
06

Classifier Usage,  
Takeaways & Q&A

# Why is classifying your sensitive data important?

Class

TIME	MONDAY	TUE
7:30 - 9:00		
9:00 - 10:00	Herbology	Transf
10:00 - 11:00	Herbology	Transf
11:00 - 11:15		
11:15 - 12:15	D.A.D.A.	Ch
12:15 - 13:15		
13:15 - 14:15	History of Magic	Pos
14:15 - 14:30		
14:30 - 15:30	Herbology	Pos
15:30 - 18:00		
18:00 - 19:30		
19:00 - 1:00		



al Records

Date: 4/15/512

onic Sorcery

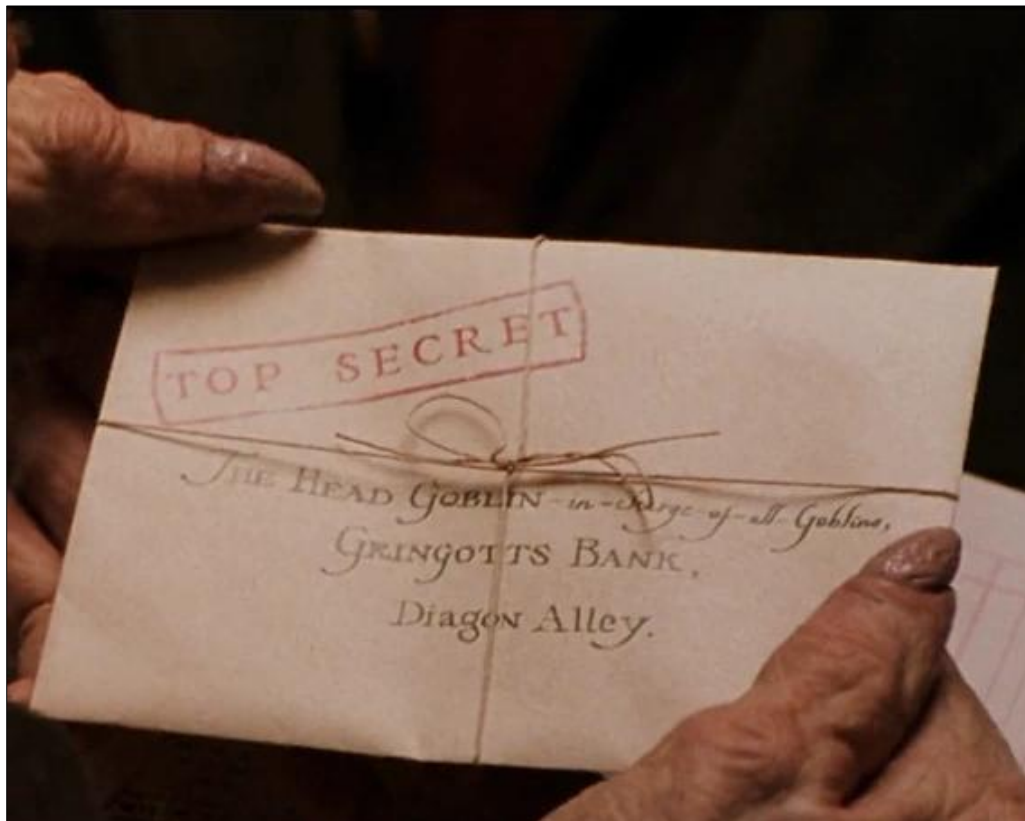
**SENT ILLNESS:** Patient  
g magic for several  
experiencing symptoms  
an tingling in fingertips.

Long white beard.  
zard hat.

in spellcasting recommended.  
to be taken twice daily.  
s for follow-up.

# Which data is sensitive or important enough?

- Intellectual property
- Medical information
- Personal information
- Pricing lists
- Customer information
- Business processes
- Financial data
- Or any other type of data



# Who will classify sensitive data?

**Manually**



**Automagically**



# Meet Minerva McGonagall



- Professor at Hogwarts School
- Chief Information Security Officer (CISO)



Her goal is to identify, classify and protect sensitive school data.







# License and permissions

- Access Data Explorer
- Apply protection automatically based on classifiers → • M365 E5 or E5 add-on license
- Use advanced classifiers (e.g. trainable and EDM classifiers)
- Create classifiers and policies → • Compliance Administrator role
- View content in Data Explorer → • Content Explorer Content viewer

# Built-in Sensitive Information Types

311 Built-in SITs to classify specific sensitive information;

- Credit card
- Passport number
- National Insurance number (UK)
- SSN number (USA)
- Physical address
- Ip-address
- Driver's license number
- Password

Classifiers		
Trainable classifiers	Sensitive info types	EDM classifiers
The sensitive info types here are available to use in your security and compliance policies. These include a large collection of types we		
<a href="#">+ Create sensitive info type</a> <a href="#">+ Create Fingerprint based SIT</a> <a href="#">↻ Refresh</a>		
Name ↑	Type	Publisher
<input type="checkbox"/> ABA Routing Number	 Entity	Microsoft Corporation
<input type="checkbox"/> ASP.NET Machine Key	Credential	Microsoft Corporation
<input type="checkbox"/> All Credential Types	BundledCredential	Microsoft Corporation
<input type="checkbox"/> All Full Names	BundledEntity	Microsoft Corporation
<input type="checkbox"/> All Medical Terms And Conditions	BundledEntity	Microsoft Corporation
<input type="checkbox"/> All Physical Addresses	BundledEntity	Microsoft Corporation
<input type="checkbox"/> Amazon S3 Client Secret Access Key	Credential	Microsoft Corporation
<input type="checkbox"/> Argentina National Identity (DNI) Number	 Entity	Microsoft Corporation
<input type="checkbox"/> Argentina Unique Tax Identification Key (CUIT/CUIL)	 Entity	Microsoft Corporation
<input type="checkbox"/> Australia Bank Account Number	 Entity	Microsoft Corporation
<input type="checkbox"/> Australia Driver's License Number	 Entity	Microsoft Corporation
<input type="checkbox"/> Australia Medical Account Number	 Entity	Microsoft Corporation

# Demo: Sensitive Information Types



I want to know how many and where (student) passport numbers are being stored

Overview | Microsoft Purview

https://purview.microsoft.com/informationprotection/purviewmipoverview?tid=97f8ab89-ccf3-4f29-a961-c4e40d453141

Microsoft Purview

Search

Copilot

Home

Solutions

Agents

Learn

Settings

Information Protection

Information Protection

Related solutions

Data Lifecycle Management

Data Loss Prevention

Information Protection

Overview

Reports

Recommendations

Sensitivity labels

Policies

Classifiers

Explorers

Data explorer

Content explorer (classic)

Activity explorer

Diagnostics

Information Protection

Discover, label, and protect sensitive and business-critical info across your multicloud data estate.

Setup tasks

1

Register and scan multicloud data sources

Bring in data from platforms like Azure and AWS so we can start detecting sensitive data.

Highly recommended

30 minutes

2

Scan registered data sources

Scan your registered data sources so we can start detecting sensitive data.

Required

Varies

3

Get to know the new Information Protection

Educate yourself on the new Information Protection capabilities in Purview.

Optional

7 minutes

Recommendations

View all recommendations

No recommendations right now

We're constantly gathering insights into your current configuration, so look out for new recommendations that'll help enhance and improve your Information Protection deployment.

Learn more about recommendations

# Custom Sensitive Information Types

## **StudentID** numbers

- Number format is 1234-5678
- Wordlist contains StudentID

Doc 1: Harry has **ID** number 389-9468

Doc 2: Harry has **StudentID** number 0397-3845

*Learn the basics Regular Expressions <https://regexone.com/>  
Test and create Regular Expressions <https://regexr.com/>*



## Lesson 1½: The 123s

Characters include normal letters, but digits as well. In fact, numbers 0-9 are also just characters and if you look at an [ASCII table](#), they are listed sequentially.

Over the various lessons, you will be introduced to a number of special metacharacters used in regular expressions that can be used to match a specific type of character. In this case, the character `\d` can be used in place of **any digit from 0 to 9**. The preceding slash distinguishes it from the simple `d` character and indicates that it is a metacharacter.

Below are a few more lines of text containing digits. Try writing a pattern that matches all the digits in the strings below, and notice how your pattern matches **anywhere within the string**, not just starting at the first character. We will learn how to control this in a later lesson.

### Exercise 1½: Matching Digits

Task	Text	
Match	abc123xyz	✓
Match	define "123"	✓
Match	var g = 123;	✓
<input type="text" value="123"/>		Continue ›
Solve the above task to continue on to the next problem, or read the <a href="#">Solution</a> .		



### Lesson Notes

abc... Letters

123... Digits

\d Any Digit

\D Any Non-digit character

. Any Character

\. Period

[abc] Only a, b, or c

[^abc] Not a, b, nor c

[a-z] Characters a to z

[0-9] Numbers 0 to 9

\w Any Alphanumeric character

\W Any Non-alphanumeric character

{m} m Repetitions

{m,n} m to n Repetitions

\* Zero or more repetitions

+ One or more repetitions

? Optional character

\s Any Whitespace

\S Any Non-whitespace character

^...\$ Starts and ends

(...) Capture Group

(a(bc)) Capture Sub-group

(.\*) Capture all

(abc|def) Matches abc or def

```
/^(?:[A-Z][0-9]{8}|[A-Z]{2}[0-9]{7}|[A-Z]{2}[0-9]{6}[A-Z])$/g
```

Text

Tests

1 match (0.6ms)

```
C12345678
```

## Tools

Replace

List

Details

Explain



Roll-over elements below to highlight in the Expression above. Click to open in Reference.



**^** **Beginning.** Matches the beginning of the string, or the beginning of a line if the multiline flag (**m**) is enabled.

**(?:** **Non-capturing group.** Groups multiple tokens together without creating a capture group.

**[** **Character set.** Match any character in the set.

**A-Z** **Range.** Matches a character in the range "A" to "Z" (char code 65 to 90). Case sensitive.

**]**

# Demo: Custom Sensitive Information Types



I want to be able to classify data  
that contains a StudentID

Home

Solutions

Agents

Learn

Settings

Information Protection

Overview

Reports

Recommendations

Sensitivity labels

Policies

Classifiers

Trainable classifiers

Sensitive info types

EDM classifiers

On-demand classification

Collection policies

Preview

Explorers

Diagnostics

Related solutions

Microsoft Purview

Search

Copilot

1

Sensitive info types

The sensitive info types here are available to use in your security and compliance policies. These include a large collection of types we provide, spanning regions around the globe, as well as any custom types you have created.

+ Create sensitive info type

+ Create Fingerprint based SIT

Refresh

332 items

Search

Filters:

Supported platforms: Any

Type: Any

Publisher: Any

Add filter

	Name	Supported platforms	Type	Publisher
<input type="checkbox"/>	ABA Routing Number	All	Entity	Microsoft Corpor...
<input type="checkbox"/>	All Credential Types	Microsoft 365	BundledCred...	Microsoft Corpor...
<input type="checkbox"/>	All Full Names	Microsoft 365	BundledEntity	Microsoft Corpor...
<input type="checkbox"/>	All Medical Terms And Conditions	Microsoft 365	BundledEntity	Microsoft Corpor...
<input type="checkbox"/>	All Physical Addresses	Microsoft 365	BundledEntity	Microsoft Corpor...
<input type="checkbox"/>	Amazon S3 Client Secret Access Key	Microsoft 365	Credential	Microsoft Corpor...
<input type="checkbox"/>	Argentina National Identity (DNI) Number	All	Entity	Microsoft Corpor...
<input type="checkbox"/>	Argentina Unique Tax Identification Key (CUIT/CUIL)	All	Entity	Microsoft Corpor...

# Sensitive info types

The sensitive info types here are available to use in your security and compliance policies. These include a large collection of types we provide, spanning regions around the globe, as well as any custom types you have created.

+ Create sensitive info type

+ Create Fingerprint based SIT

Refresh

333 items

Search

Filters:

Supported platforms: Any

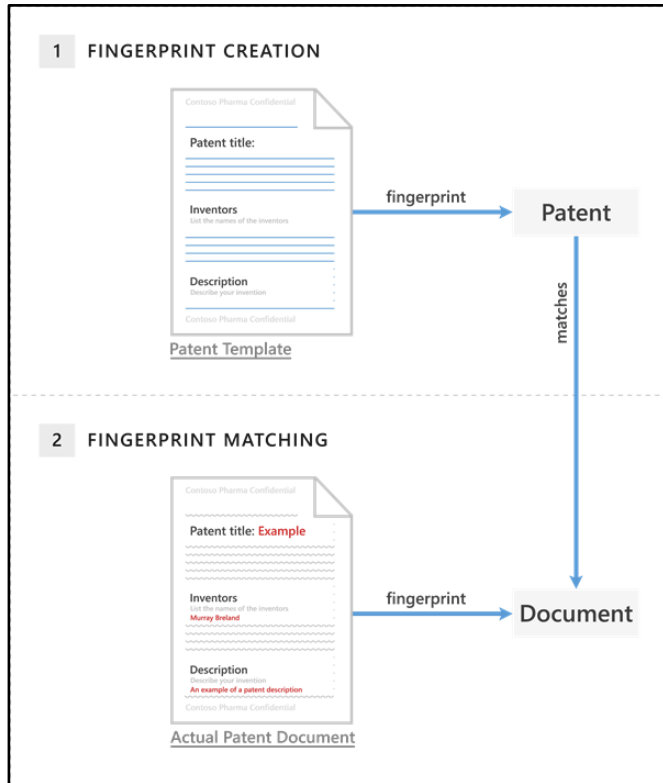
Type: Any

Publisher: Any

Add filter

Name	Supported platforms	Type	Publisher
<input type="checkbox"/> ABA Routing Number	All	Entity	Microsoft Corpor...
<input type="checkbox"/> All Credential Types	Microsoft 365	BundledCred...	Microsoft Corpor...
<input type="checkbox"/> All Full Names	Microsoft 365	BundledEntity	Microsoft Corpor...
<input type="checkbox"/> All Medical Terms And Conditions	Microsoft 365	BundledEntity	Microsoft Corpor...
<input type="checkbox"/> All Physical Addresses	Microsoft 365	BundledEntity	Microsoft Corpor...
<input type="checkbox"/> Amazon S3 Client Secret Access Key	Microsoft 365	Credential	Microsoft Corpor...
<input type="checkbox"/> Argentina National Identity (DNI) Number	All	Entity	Microsoft Corpor...
<input type="checkbox"/> Argentina Unique Tax Identification Key (CUIT/CUIL)	All	Entity	Microsoft Corpor...

# Fingerprint Sensitive Information Types



- Employee information forms
- Customer information forms
- Medical records
- Contracts
- Invoices
- Non-Disclosure Agreements (NDA)
- Or any other custom template file

# Demo: Fingerprint Sensitive Information Types



I want to be able to classify  
Student Information Forms

Home

Solutions

Agents

Learn

Settings

Information Protection

Overview

Reports

Recommendations

Sensitivity labels

Policies

Classifiers

Trainable classifiers

Sensitive info types

EDM classifiers

On-demand classification

Collection policies

Preview

Explorers

Diagnostics

Related solutions

Microsoft Purview

Search

Copilot

333 items

Search

Sensitive info types

The sensitive info types here are available to use in your security and compliance policies. These include a large collection of types we provide, spanning regions around the globe, as well as any custom types you have created.

+ Create sensitive info type

+ Create Fingerprint based SIT

Refresh

Filters:

Supported platforms: Any

Type: Any

Publisher: Any

Add filter

	Name	Supported platforms	Type	Publisher
<input type="checkbox"/>	ABA Routing Number	All	Entity	Microsoft Corpor...
<input type="checkbox"/>	All Credential Types	Microsoft 365	BundledCred...	Microsoft Corpor...
<input type="checkbox"/>	All Full Names	Microsoft 365	BundledEntity	Microsoft Corpor...
<input type="checkbox"/>	All Medical Terms And Conditions	Microsoft 365	BundledEntity	Microsoft Corpor...
<input type="checkbox"/>	All Physical Addresses	Microsoft 365	BundledEntity	Microsoft Corpor...
<input type="checkbox"/>	Amazon S3 Client Secret Access Key	Microsoft 365	Credential	Microsoft Corpor...
<input type="checkbox"/>	Argentina National Identity (DNI) Number	All	Entity	Microsoft Corpor...
<input type="checkbox"/>	Argentina Unique Tax Identification Key (CUIT/CUIL)	All	Entity	Microsoft Corpor...

# Built-in Trainable Classifiers

- Trainable classifiers identify a “type” of content
- 134 pre-trained classifiers are ready-to-use
- 14 different languages

# Custom Trainable Classifiers

1. 50-500 positive and negative samples (English only)
2. Microsoft trains the classifier
3. Review false negatives
4. Retrain for higher accuracy
5. Publish, test and use the classifier

# Demo: Custom Trainable Classifiers



**I want to be able to  
classify potion recipes**

Trainable classifiers | Microsoft Purview

Potion Recipe Documents (positiv...

Potion Recipe Documents (negati...

+

←

↻

https://purview.microsoft.com/informationprotection/dataclassification/trainableclassifiers?tid=97f8ab89-ccf3-4f29-a961-c4e40d453141

🔍 ☆ ⚙️ 👤 ⋮

Microsoft Purview

🔍 Search

Copilot

🔔

🗨️ 1

🔗

⚙️

?

🏠

Home

📁

Solutions

🛡️

Agents

💬

Communi... Compliance

🔍

eDiscovery

🔒

Data Loss Prevention

🔒

Information Protection

🏆

Compliance Manager

⋮

☰

Information Protection

📅 Overview

📊 Reports

🔖 Recommendations

🏷️ Sensitivity labels

⚙️ Policies

🏷️ Classifiers

📄 Trainable classifiers

🔍 Sensitive info types

📄 EDM classifiers

📄 On-demand classification

📄 Collection policies

👁️ Explorers

🔧 Diagnostics

🔗 Related solutions

Trainable classifiers

Use built-in or custom classifiers to identify specific categories of content based on existing items in your organization. Once created, classifiers can be used in several compliance solutions to detect related content and classify it, protect it, retain it, and more. [Learn more](#)

+

 Create trainable classifier

🔄 Refresh

135 items

🗑️ Group

Filters:

Language: Any

Type: Any

Name: Any

Status: Any

🔍 Filters

	Name		Accuracy	Status	Type	Language	Created by
▼	Published (135)						
<input type="checkbox"/>	Actuary reports		-	Ready to use	Built-In	English	Microsoft
<input type="checkbox"/>	Agreements		-	Ready to use	Built-In	English	Microsoft
<input type="checkbox"/>	Asset Management		-	Ready to use	Built-In	English	Microsoft
<input type="checkbox"/>	Bank statement		-	Ready to use	Built-In	English	Microsoft
<input type="checkbox"/>	Bank statement		-	Ready to use	Built-In	German	Microsoft
<input type="checkbox"/>	Bank statement		-	Ready to use	Built-In	Spanish	Microsoft

# Waiting..... (maximum of 48 hours)



Trainable classifiers | Microsoft Purview

Trainable classifiers | Microsoft Purview

+

←

↻

https://purview.microsoft.com/informationprotection/dataclassification/trainableclassifiers?tid=97f8ab89-ccf3-4f29-a961-c4e40d453141

🔍 ☆ ⚙️ 👤 ⋮

Microsoft Purview

🔍 Search

Copilot

🔔

🗨️ 1

🔗

⚙️

?

🏠

Home

🧩

Solutions

👤

Agents

📖

Learn

⚙️

Settings

Information Protection

☰

Information Protection

Overview

Reports

Recommendations

Sensitivity labels

Policies

Classifiers

Trainable classifiers

Sensitive info types

EDM classifiers

On-demand classification

Collection policies

Preview

🔍 Explorers

🔧 Diagnostics

Related solutions

Trainable classifiers

Use built-in or custom classifiers to identify specific categories of content based on existing items in your organization. Once created, classifiers can be used in several compliance solutions to detect related content and classify it, protect it, retain it, and more. [Learn more](#)

+

 Create trainable classifier

🔄 Refresh

136 items

🗑️ Group

Filters:

Language: Any

Type: Any


Name: Any

Status: Any

🔍 Filters

	Name	Accuracy	Status	Type	Language	Created by	
▼	Published (135)						
<input type="checkbox"/>	Actuary reports		-	Ready to use	Built-In	English	Microsoft
<input type="checkbox"/>	Agreements		-	Ready to use	Built-In	English	Microsoft
<input type="checkbox"/>	Asset Management		-	Ready to use	Built-In	English	Microsoft
<input type="checkbox"/>	Bank statement		-	Ready to use	Built-In	English	Microsoft
<input type="checkbox"/>	Bank statement		-	Ready to use	Built-In	German	Microsoft
<input type="checkbox"/>	Bank statement		-	Ready to use	Built-In	Spanish	Microsoft

# Exact Data Match Classifiers



StudentID	First name	Last name	Date of Birth
0019-3947	Ron	Weasley	01-03-1980
0010-2394	Harry	Potter	31-06-1980
0015-5934	Hermione	Granger	19-09-1979

Send To [albus.dumbledore@hogwarts.com](mailto:albus.dumbledore@hogwarts.com)

Cc

Subject Personal information of misbehaving student

Hello Albus,

I found one of our students misbehaving and brought him in for detention.  
Hereby I share with you his personal information.

StudentID: 0019-3947  
Name: Ron Weasley  
Date of Birth: 01-03-1980

Greetings,

Severus Snape

# Demo: Exact Data Match Classifiers



I want to be able to classify  
data that exactly matches  
the student record database

EDM classifiers | Microsoft Purview

https://purview.microsoft.com/informationprotection/dataclassification/exactdatamatch?tid=97f8ab89-ccf3-4f29-a961-c4e40d453141

Search

Copilot

1

Home

Solutions

Agents

Learn

Settings

Information Protection

Information Protection

Overview

Reports

Recommendations

Sensitivity labels

Policies

Classifiers

Trainable classifiers

Sensitive info types

EDM classifiers

On-demand classification

Collection policies

Preview

Explorers

Diagnostics

# EDM classifiers

New EDM experience

On

Learn the end-to-end workflow

Industry-specific sample files

[Why are there two experiences?](#)

Exact data match (EDM) classifiers use exact values from your org's data to detect matches instead of generic patterns. They can then be included in several compliance solutions to classify and protect sensitive data. [Learn more about EDM](#)

+ Create EDM classifier

0 items

Search

Name ↑	Created by	Status
--------	------------	--------

# Preparation for next step

- Create the “EDM\_DataUploaders” security group
- Install the Exact Data Match (EDM) agent
- Separate the hashing and uploading process
- Automate the process of uploading live data

Create exact data match sensitive information type in the New Experience workflow

EDM classifiers | Microsoft Purview

https://purview.microsoft.com/informationprotection/dataclassification/exactdatamatch?tid=97f8ab89-ccf3-4f29-a961-c4e40d453141

Microsoft Purview

Search

Copilot

1

Home

Solutions

Agents

Learn

Settings

Information Protection

Overview

Reports

Recommendations

Sensitivity labels

Policies

Classifiers

Trainable classifiers

Sensitive info types

EDM classifiers

On-demand classification

Collection policies

Preview

Explorers

Diagnostics

Related solutions

EDM classifiers

New EDM experience ☒ On

Learn the end-to-end workflow

Industry-specific sample files

Why are there two experiences?

Exact data match (EDM) classifiers use exact values from your org's data to detect matches instead of generic patterns. They can then be included in several compliance solutions to classify and protect sensitive data. [Learn more about EDM](#)

+ Create EDM classifier

1 item

Search

Name ↑	Created by	Status
<input type="checkbox"/> Student Database Information	Helgering	Source file not uploaded yet <a href="#">How to upload</a>

# Waiting..... (maximum of 1 hour)



EDM classifiers | Microsoft Purview

https://purview.microsoft.com/informationprotection/dataclassification/exactdatamatch?tid=97f8ab89-ccf3-4f29-a961-c4e40d453141

Search

Copilot

1

Home

Solutions

Agents

Learn

Settings

Information Protection

Information Protection

Overview

Reports

Recommendations

Sensitivity labels

Policies

Classifiers

EDM classifiers

On-demand classification

Collection policies

Explorers

Diagnostics

EDM classifiers

New EDM experience ☒ On

[Learn the end-to-end workflow](#) [Industry-specific sample files](#)

[Why are there two experiences?](#)

Exact data match (EDM) classifiers use exact values from your org's data to detect matches instead of generic patterns. They can then be included in several compliance solutions to classify and protect sensitive data. [Learn more about EDM](#)

+ Create EDM classifier

1 of 1 selected

Search

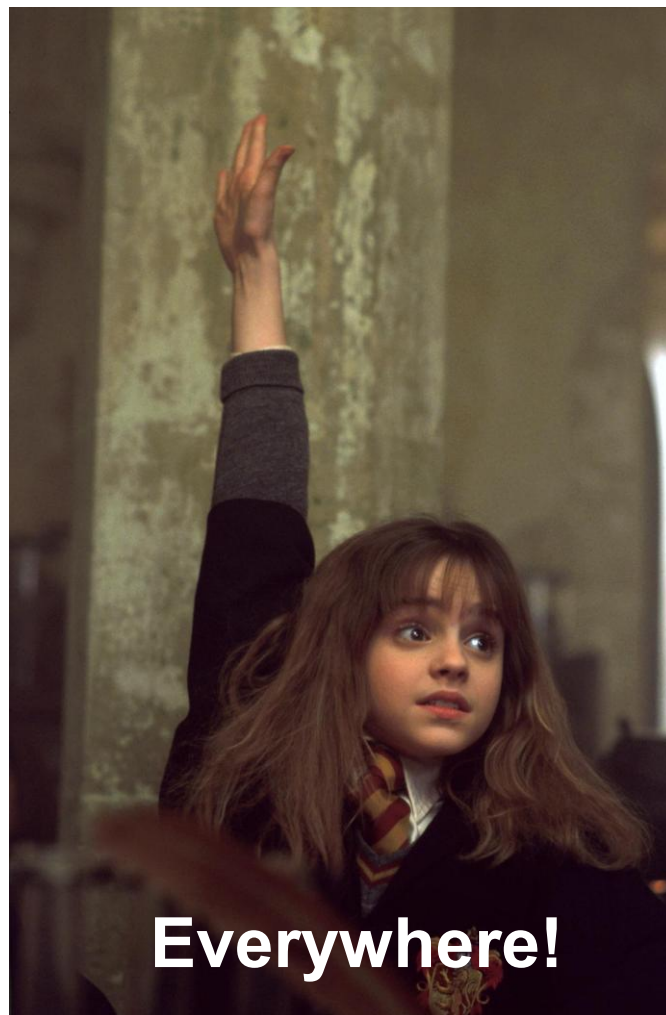
Name ↑	Created by	Status
<input checked="" type="checkbox"/> Student Database Information	Helgering	Index complete

# Goal achieved

1. Identify where sensitive information is stored with the **Data Explorer**
2. Classify data that contains a StudentID with a **Custom SIT**
3. Classify student information forms with a **Fingerprint SIT**
4. Classify potion recipes with a **Trainable Classifier**
5. Classify data containing information that exactly matches the student record database with an **Exact Data Match Classifier**



**Where can we  
use Classifiers in  
Purview?**



# Information Protection

Auto-labeling policies > New policy

- ✓ Info to label
- ✓ Name
- ✓ Label
- ✓ Admin units
- ✓ Locations
- Policy rules**
- Common rules
- Policy mode
- Finish

## Define rules for content in all locations

We'll automatically apply this label to content that matches the rules and related conditions here. These rules will apply to content in all locations you specified.

+ New rule

1 item

Name ▾	Status ▾	Edit ▾	Delete ▾
<div>SL - Credit Card Number</div> <div><b>Conditions</b> Content contains any of: Credit Card Number</div>	<input checked="" type="checkbox"/>		

# Data Lifecycle Management

Auto-labeling > Create auto-labeling policy

- ✓ Name
- **Info to label**
- ✓ Content that contains sensitive info
- Create custom classification group
- Administrative Units
- Scope
- Label
- Mode
- Finish

## Define content that contains sensitive info

Choose a category of industry regulations to see the classification groups you can use to classify that information or create a custom group.

**Content contains**

Group name \*

Credit Card Number

Group operator

Any of these

**Sensitive info types**

Credit Card Number

High confidence

Instance count

1

to

Any

Add

Create group

+ Add condition

# Data Loss Prevention

Data loss prevention > Create policy

- ✓ Data to protect
- ✓ Template or custom policy
- ✓ Name
- ✓ Admin units
- ✓ Locations
- Policy settings**
- Advanced DLP rules
- Policy mode
- Finish

## Customize advanced DLP rules

The rules here are made up of conditions and actions that define the protection requirements for this policy. You can edit existing rules or create new ones.

+ Create rule

1 item

Name

Status

^ Credit Card Number rule

☒ On



### Conditions

Content contains any of these sensitive info types:  
Credit Card Number

### Actions

Notify users with email and policy tips  
Restrict access to the content for external users  
Send alerts to Administrator

## Create file policy

Policy template \*

No template

Policy name \*

Policy severity \*



Category \*

DLP

Description

Files matching all of the following

[Edit and preview results](#)

Select a filter

+ Add a filter

Apply to:

all files

Select user groups:

all file owners

Inspection method

Data Classification Service

Match if **Any** of the following occur:

Credit Card Number

Advanced settings

# Defender for Cloud Apps

Microsoft SharePoint Online

☐ Send policy-match digest to file owner ⓘ

☐ Notify specific users

☐ Make private

☐ Remove external users

☐ Inherit parent permissions

☐ Put in user quarantine

☐ Put in admin quarantine

☐ Trash

☐ Remove a collaborator

☐ Apply sensitivity label ⓘ

☐ Remove sensitivity label

# Communication Compliance

Communication compliance > New policy

- ✓ Name
- ✓ Admin units (optional)
- ✓ Users and reviewers
- ✓ Locations
- **Conditions and percentage**
- Finish

## Conditions

By default, we'll detect all communications from the users and groups you specified. To refine the scope of this policy, we recommend adding conditions to limit the results to communications matching specific criteria. [Learn more about these conditions](#)



**Resolve the subscription issues to use pay-as-you-go channels.** To detect interactions for Fabric Copilot, Security Copilot, ChatGPT Enterprise etc. work with your Azure Account Administrator or subscription owner to reactivate the subscription linked to Purview. [Learn more about pay-as-you-go billing](#)



Quick Summary



**Content matches trainable classifiers**



Any of these ▾



### Trainable classifiers

Targeted Harassment



Profanity



Threat



Add ▾

+ Add condition ▾

+ Add group

# Insider Risk Management

Insider risk management > New insider risk policy

- ✓ Policy template
- ✓ Name and description
- ✓ Admin units
- ✓ Users and groups
- Content to prioritize**
- Sensitive info types
- Scoring
- Triggering event
- Indicators
- Finish

## Sensitive info types to prioritize

Any activity associated with content that contains this sensitive info will be assigned a higher risk score.

+ Add or edit sensitive info types

1 item

Info type ▾



Credit Card Number




# eDiscovery

Cases > Content Search > Searches > Credit Card Numbers Search


 Search


 Hold


 Review set

 Export

## Credit Card Numbers Search

 Add to review set

 Export

 Process manager


 Delete search

Query: ((SensitiveType="50842eb7-edc8-4019-85dd-5a5c1f2bb085[0..1][85..100]"))

Query Statistics

 Duplicate search

 Create a hold

 Save as draft

 Discard changes

Run query

Data sources



Add sources

Get started by adding data sources to your search query. To search across your entire organization or tenant, select Add tenant-wide sources. [Learn more about sources.](#)

Add sources

Add tenant-wide sources

Condition builder

Search by file (preview)

Build a search query with a visual condition filtering experience. Add more conditions and use operators like AND, OR to control the logic between conditions. To use keyword query language, copy and paste KeyQL into the builder under the KeyQL field. [Learn more about condition builder](#) and [learn more about keyword query language](#).

Keywords

Equal

 Hide



Enter keywords

AND

Sensitive Type

Equal

Credit Card Number



0

1

High (85-100)

+ Add conditions

 None



5 WITH PERSPECTIVE

General

# Takeaways

- Let classifiers be part of your classification process
- Don't rely on automation alone; involve your users
- Use a classifier that fits the type of data
- The task of managing classifiers is never done



[in/myronhelgering](https://www.linkedin.com/in/myronhelgering)



[myronhelgering.com](https://myronhelgering.com)



TECH EVENTS WITH PERSPECTIVE

General

# Time for questions!

# Other sessions @ Live! 360

- Wednesday, November 19, 2025
  - Automated Data Security: Identifying Sensitive Data with Microsoft Purview **(9:30am – 10:45am)**
- Thursday, November 20, 2025
  - Six Methods to Protect your Business from the Threat of Unmanaged Devices **(1:00pm – 2:15pm)**
  - The Challenge of Providing Secure Access to External Admins **(2:30pm – 3:45pm)**

# Session Survey

- Your feedback is very important to us
- Please take a moment to complete the session survey found in the mobile app
- Use the QR code or search for “Converge360 Events” in your app store
- Find this session on the Agenda tab
- Click “Session Evaluation”
- Thank you!



# Thank you!