



Veritas Data Insight

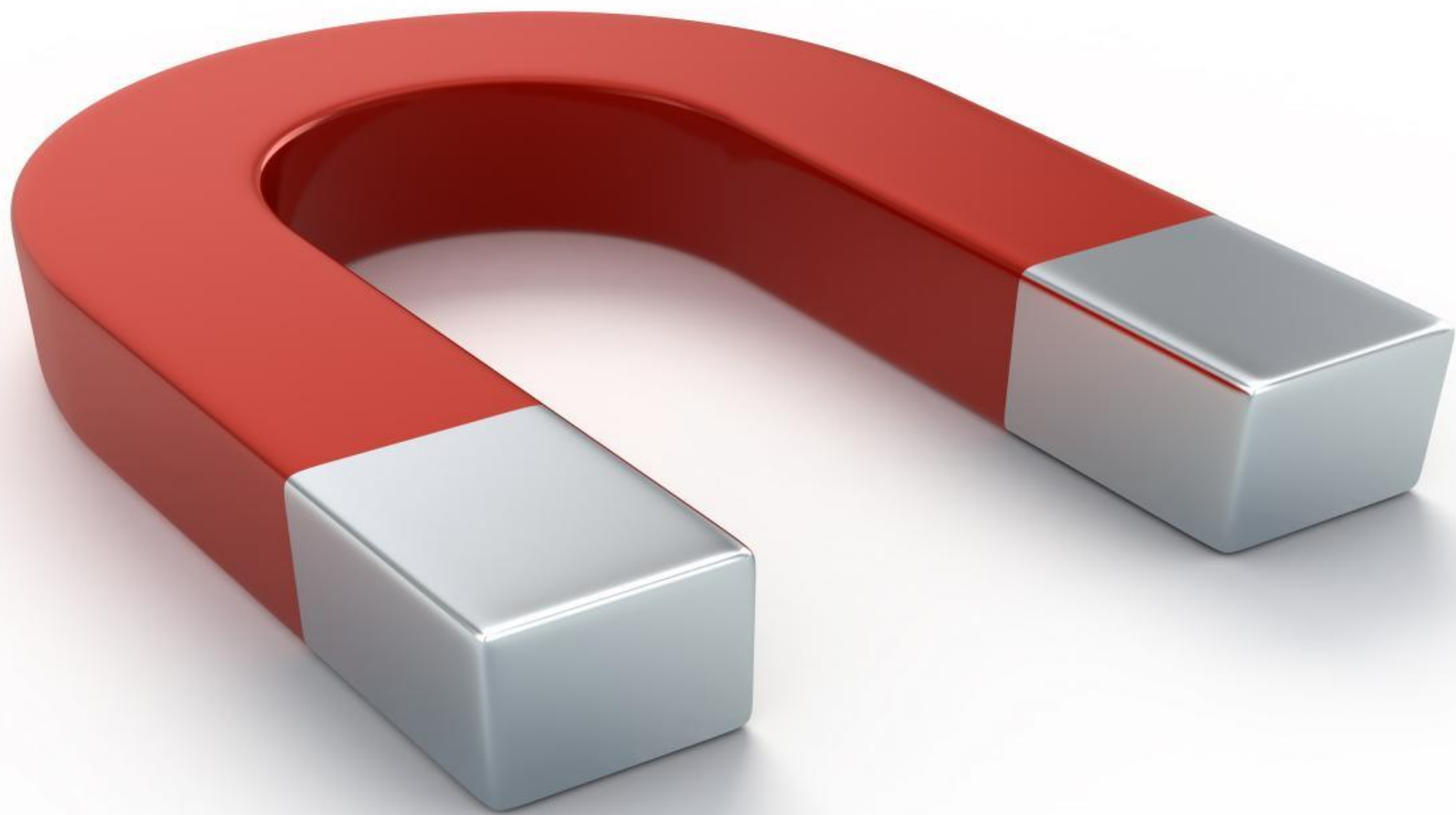
Josef Honc
Tech Data

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Advanced Solutions



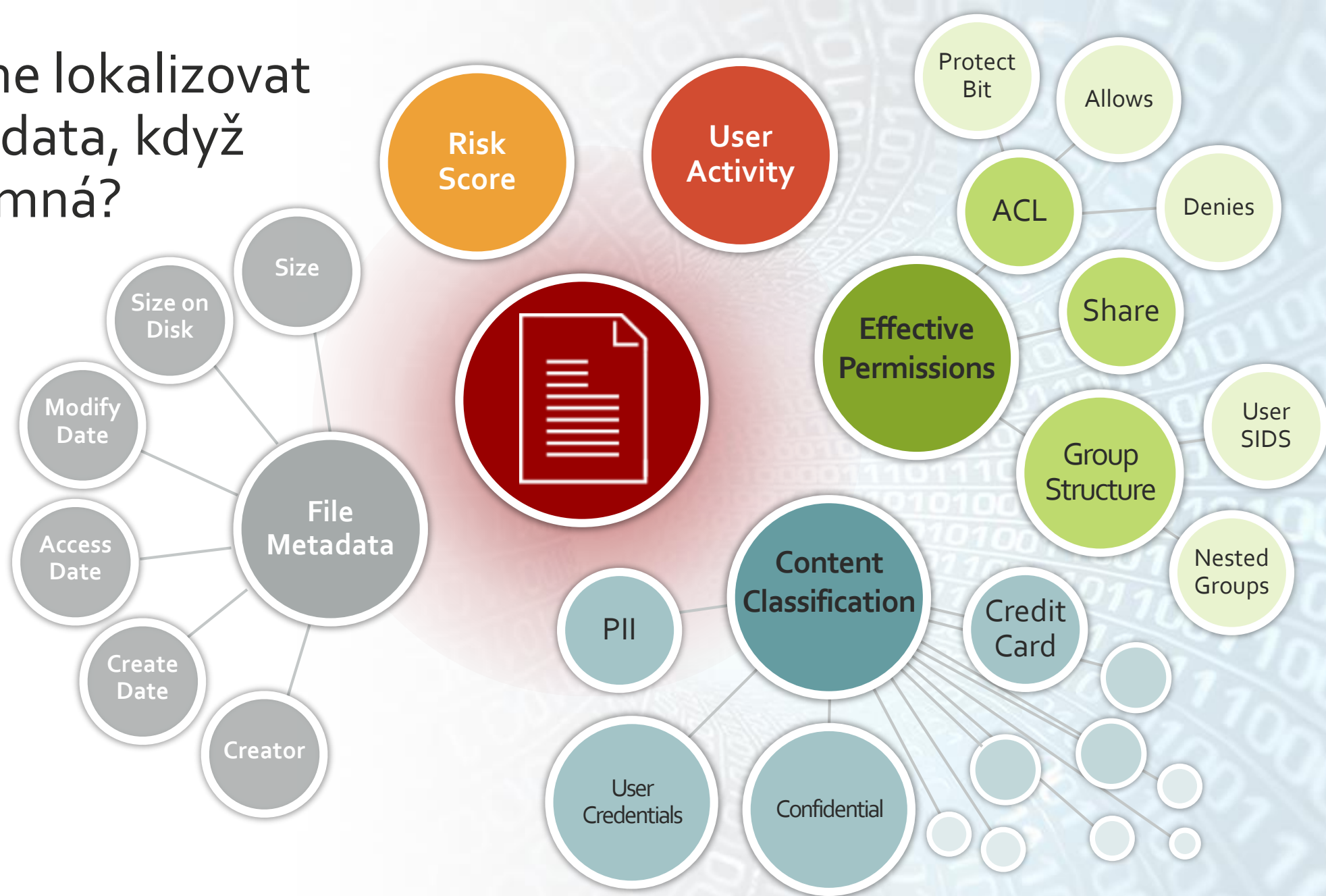




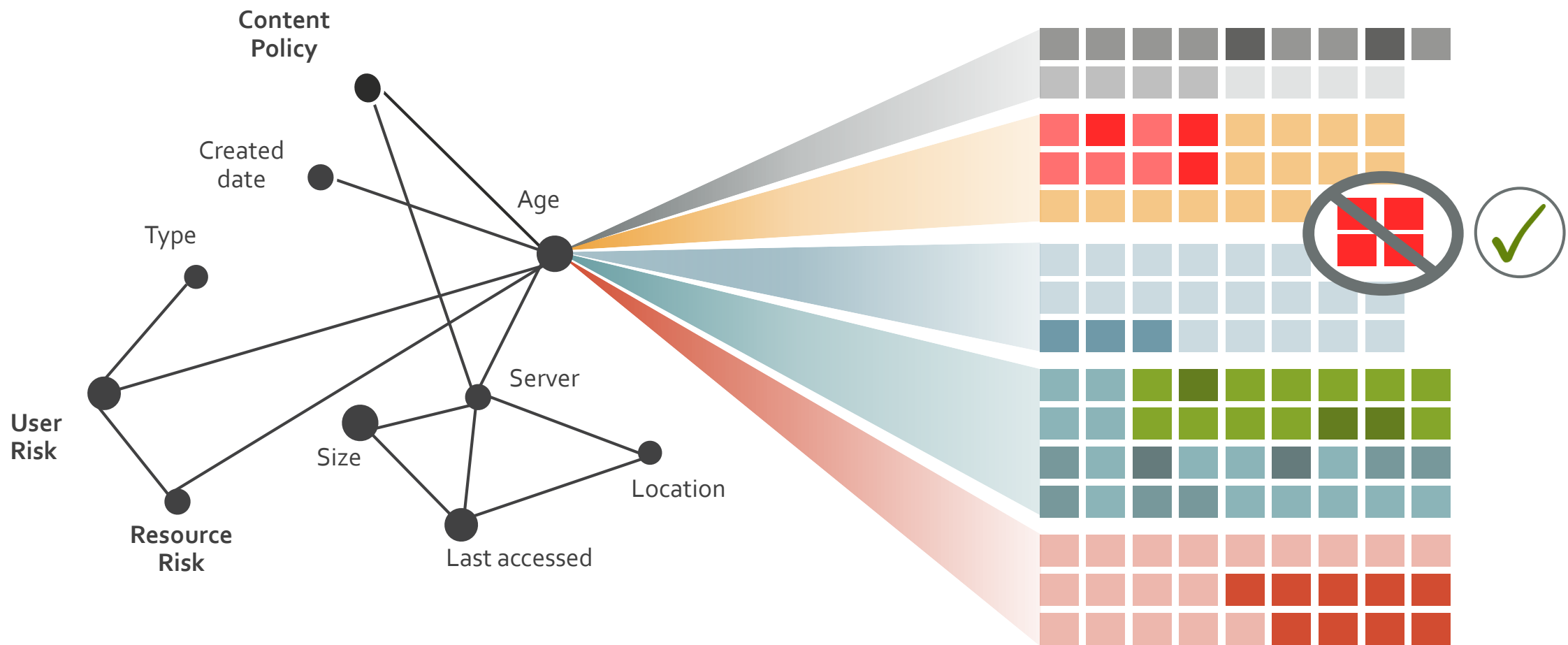
Neznámé v nestrukturovaných datech



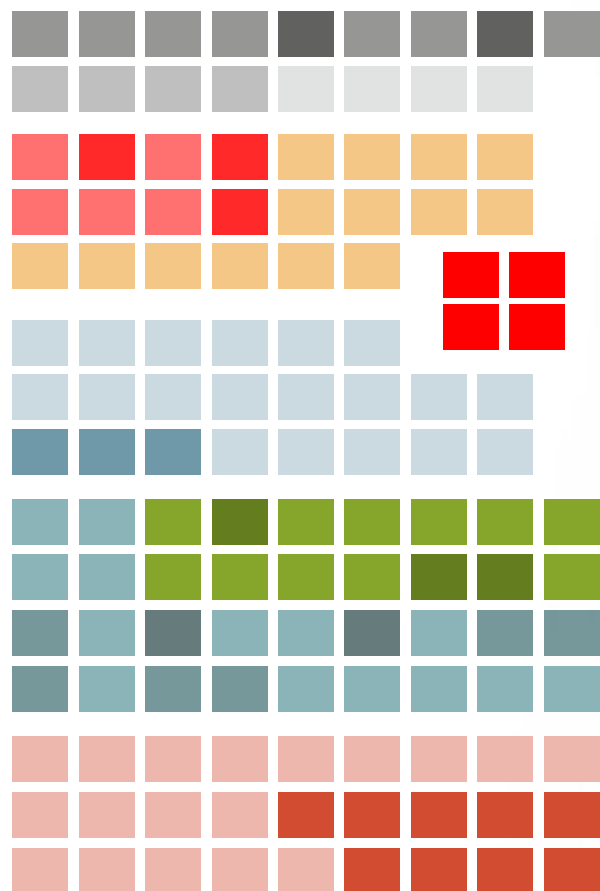
Můžeme lokalizovat temná data, když jsou temná?



Data Insight – multidimenzionální klasifikace



Pomocí klasifikace se zaměřujeme na obsah



Osobní
údaje

Důvěrné

Intelektuální
vlastnictví

- Hledání v blízkosti
- Regulární výrazy
- Slovníky citlivých typů a pojmů
- Ověření kontrolních součtů
 - LUHN
- Rozsahy věrohodnosti
- Klíčová slova
- Přírůstkové skenování založené na forenzice Data Insight redukuje zbytečné kompletní skenování




Lokalizace


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Lokalizujte rozdílné typy osobních údajů



Veritas Information Classifier / Policies



☐ ▼ Name ▲

☐ U.S. Passport Policy

☐ U.S. Social Security Number (SSN) and Taxpayer ID Policy

☐ ▼ **Personally Identifiable Information**

☐ Australia Personal Data Policy

☐ Austria Personal Data Policy

☐ Belgium Personal Data Policy

☒ Czech Republic Personal Data Policy

☐ Denmark Personal Data Policy

☐ Finland Personal Data Policy

☐ France Personal Data Policy

☐ Germany Personal Data Policy

Integrovaný klasifikační engine



Definujte a lokalizujte **osobní údaje** relevantní pro **GDPR**



Skenujte všechna **data v klidu**

Stará i nově vytvořená data
Jakmile dojde k zápisu



Udržujte aktuální a **spolehlivou mapu dat** pomocí inteligentní klasifikace



Aktualizované politiky jsou neustále vyvíjeny



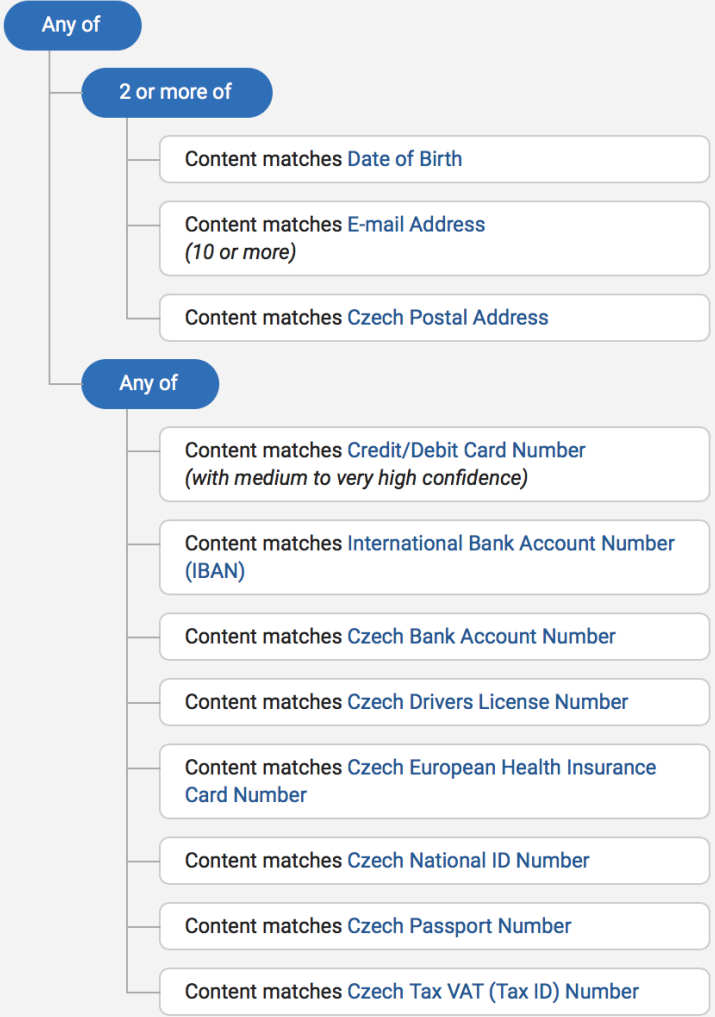
<input type="checkbox"/> ▾ Name ▴	Status	Tags
<input type="checkbox"/> U.S. Passport Policy	✖ Disabled	US-Passport
<input type="checkbox"/> U.S. Social Security Number (SSN) and Taxpayer ID Policy	✖ Disabled	US-SSN
<input type="checkbox"/> ▾ Personally Identifiable Information		
<input type="checkbox"/> Australia Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Austria Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Belgium Personal Data Policy	✖ Disabled	PII
<input checked="" type="checkbox"/> Czech Republic Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Denmark Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Finland Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> France Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Germany Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Greece Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Ireland Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Italy Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Japan Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Netherlands Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Norway Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Poland Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Portugal Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Singapore Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> Spain Personal Data Policy	✖ Disabled	PII

90 policies (1 selected) | 0 enabled

Czech Republic Personal Data Policy



Conditions



Import

New

Analyze

Copy

Reset

Edit



Search policy names or tags



Show all



<input type="checkbox"/> ▾ Name ▴	Status	Tags
<input type="checkbox"/> U.K. Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> U.S. Personal Data Policy	✖ Disabled	PII
<input type="checkbox"/> ▾ Special Category Data		
<input type="checkbox"/> Australia Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Austria Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Belgium Sensitive Data Policy	✖ Disabled	Special-Category
<input checked="" type="checkbox"/> Czech Republic Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Denmark Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Finland Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> France Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Germany Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Greece Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Ireland Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Italy Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Japan Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Netherlands Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Norway Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Poland Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Portugal Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Singapore Sensitive Data Policy	✖ Disabled	Special-Category
<input type="checkbox"/> Spain Sensitive Data Policy	✖ Disabled	Special-Category

90 policies (1 selected) | 0 enabled

Czech Republic Sensitive Data Policy

Tags

Special-Category

Conditions

Any of

Content matches Biometric Data - Czech

Content matches Education - Czech

Content matches Ethnicity - Czech

Content matches Gender - Czech

Content matches Genetic Data - Czech

Content matches Health Data - Czech

Content matches Login Credentials - Czech

Content matches Marital Status - Czech

Content matches Multinational Political Party - Czech

Content matches Religion - Czech

Content matches Sexual Orientation - Czech

Content matches Multinational Trade Union - Czech

Content matches Czech Republic Political Party

Content matches Czech Republic Trade Union

Import

New

Analyze

Copy

Reset

Edit



Search pattern names



Show all



Czech National ID Number

☐ Name

- ☐ Czech Bank Account Number
- ☐ Czech Biometric Data
- ☐ Czech Drivers License Number
- ☐ Czech Education
- ☐ Czech Ethnicity
- ☐ Czech European Health Insurance Card Number
- ☐ Czech Full Name
- ☐ Czech Gender
- ☐ Czech Genetic Data
- ☐ Czech Health Data
- ☐ Czech Login Credentials
- ☐ Czech Marital Status
- ☒ Czech National ID Number
- ☐ Czech Passport Number
- ☐ Czech Political Party
- ☐ Czech Postal Address
- ☐ Czech Religion
- ☐ Czech Sexual Orientation
- ☐ Czech Tax VAT (Tax ID) Number
- ☐ Czech Trade Union
- ☐ Date of Birth

493 patterns (1 selected)

Czech National ID Number

Name

Czech National ID Number

Description

Detect Czech National ID numbers.

Confidence

Level	Example
High	National ID number AND national ID term.
Low	National ID number.

Built-in

Built-in

Built-in

Smart Classification

Najděte osobní údaje efektivně



Prioritizace klasifikace na základě strojového učení



Neustálý růst nestrukturovaných dat přináší problém škálovatelnosti při kontrole obsahu souborů



Prediktivní algoritmus využívá kontext DI k nalezení dat, která nejpravděpodobněji obsahují hledané údaje



Nalezne osobní údaje v temných datech rychleji, čímž přispívá k jejich **rychlejšímu zhodnocení**

Cílená klasifikace

Zajišťuje relevantnost a aktuálnost



Zaměřuje se na uživatele, kteří vytvářejí data určená pro dřívější klasifikaci

- Rámec uživatelů podle
 - Atributů
 - Rizikového skóre
- Rámec souborů
 - Přípony
 - Rizikového skóre
 - Umístění

Příklady otázek pro lokalizaci

Najdi OÚ zákazníků
na sdílených discích
přístupných
skupině Everyone

Najdi OÚ
zákazníků, ke
kterým přistoupil
uživatel X mezi
časy A a B

Přistoupil
někdo k tomuto
souboru s OÚ
zaměstnanců,
když byl na
nesprávném
místě?

Potřebuji najít
osobu
odpovědnou za
tento citlivý
soubor

Najdi zastaralé
nebo osiřelé
soubory, které
můžeme
přesunout nebo
odstranit

The background of the slide features a photograph of two men in a professional setting, looking at a laptop. One man, wearing glasses and a light-colored shirt, is pointing at the screen. The other man, with dark hair and a watch, is resting his chin on his hand. A large, intricate red scribble graphic is positioned in the upper left corner, with a thin red line extending downwards from its base.

Výstupy z analýzy

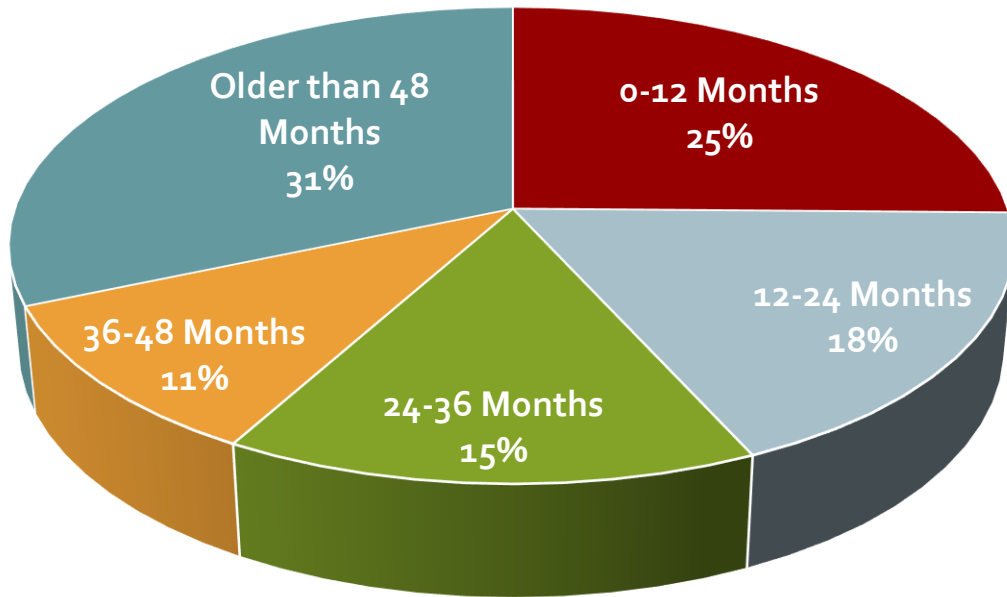
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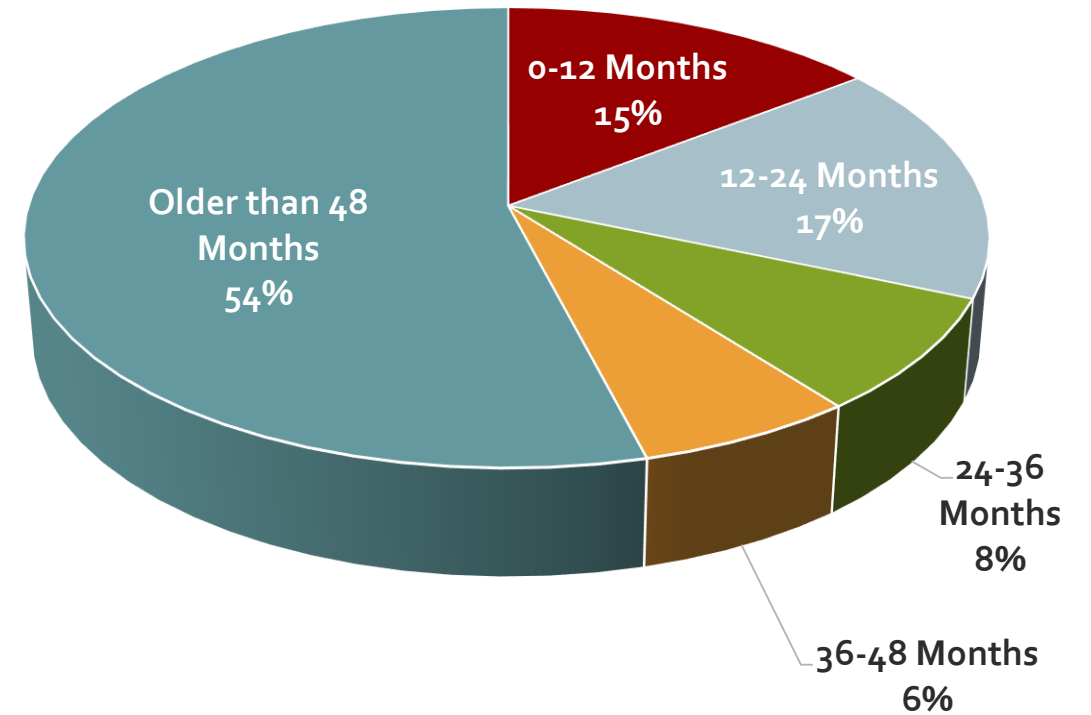
Data aging by last **access** date

Range: 12, 24, 36, 48, older than 48 months

Data (Size) Aging by last access date



Data (Count) Aging by last access date





Discover

9 folders, 49 files



Analyze

100% complete (6.1% not analyzed ?)

Overview

Files with Personal Data

Duplicate files

Files with Personal Data

[Unexpected Results?](#)

- Personal Data
- No Personal Data
- Not Analyzed

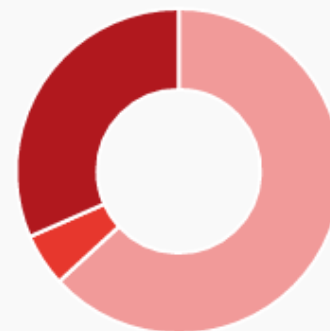


41%

contain personal data

Risk Level (Files with Personal Data) ?

- Medium
- High
- Very High

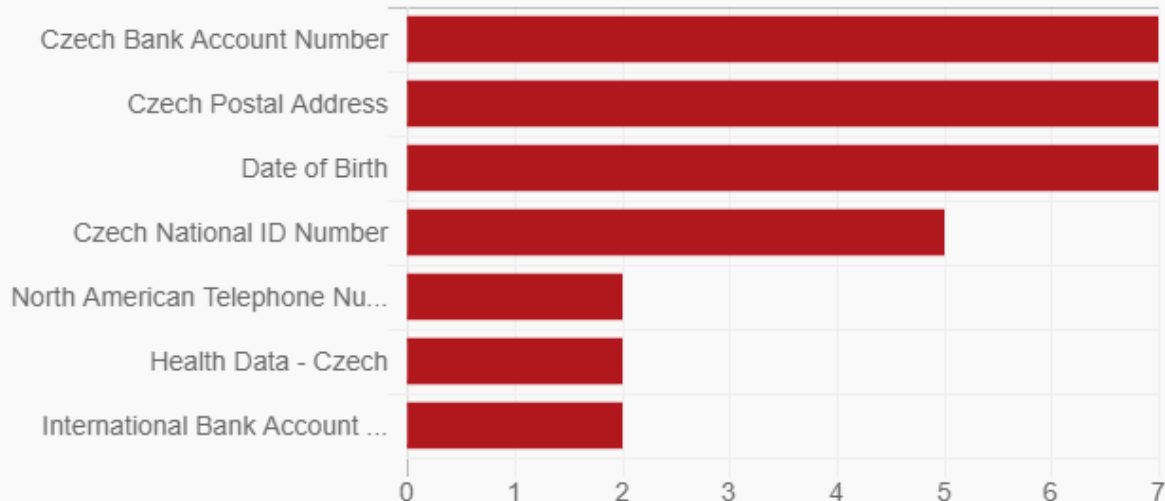


37%

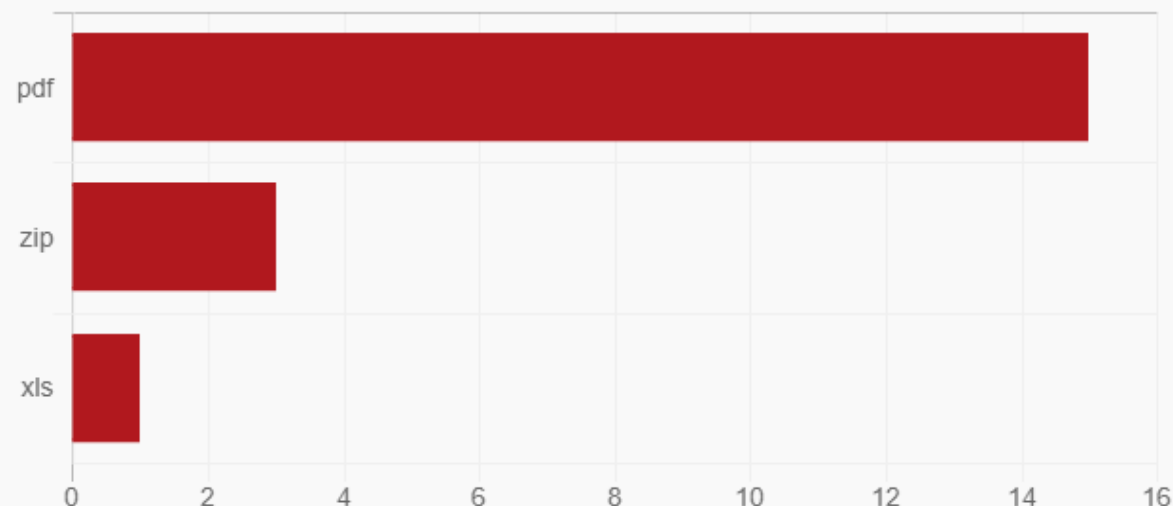
very high or high risk

Most Common Personal Data (# files)

[Unexpected Results?](#)



Most Common File Types (Files with Personal Data)



Vyzkoušejte si možnosti klasifikace sami

<https://www.veritas.com/riskanalyzer>



A complex, dense red scribble of lines in the top-left corner, with a single vertical line extending downwards from its base.

Děkuji za pozornost

Josef Honc

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