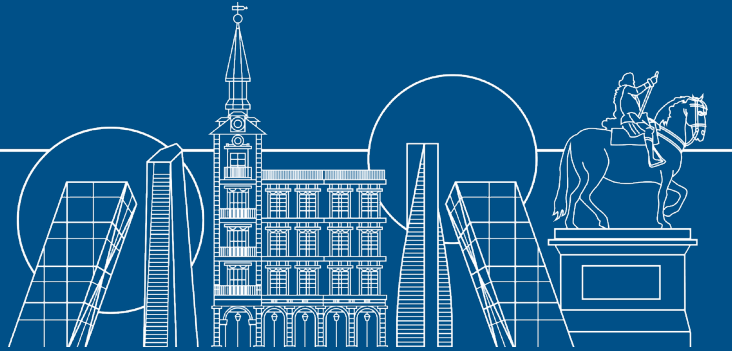




**FICPI 22nd
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Madrid
25-28 September 2024



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AI & IP: An arranged marriage? Decoding a relationship not so intellectual

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Introduction

Louis-Pierre Gravelle
Dipchand LLP, Canada



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Louis-Pierre Gravelle

Canada



Sonia Montserrat
Canada



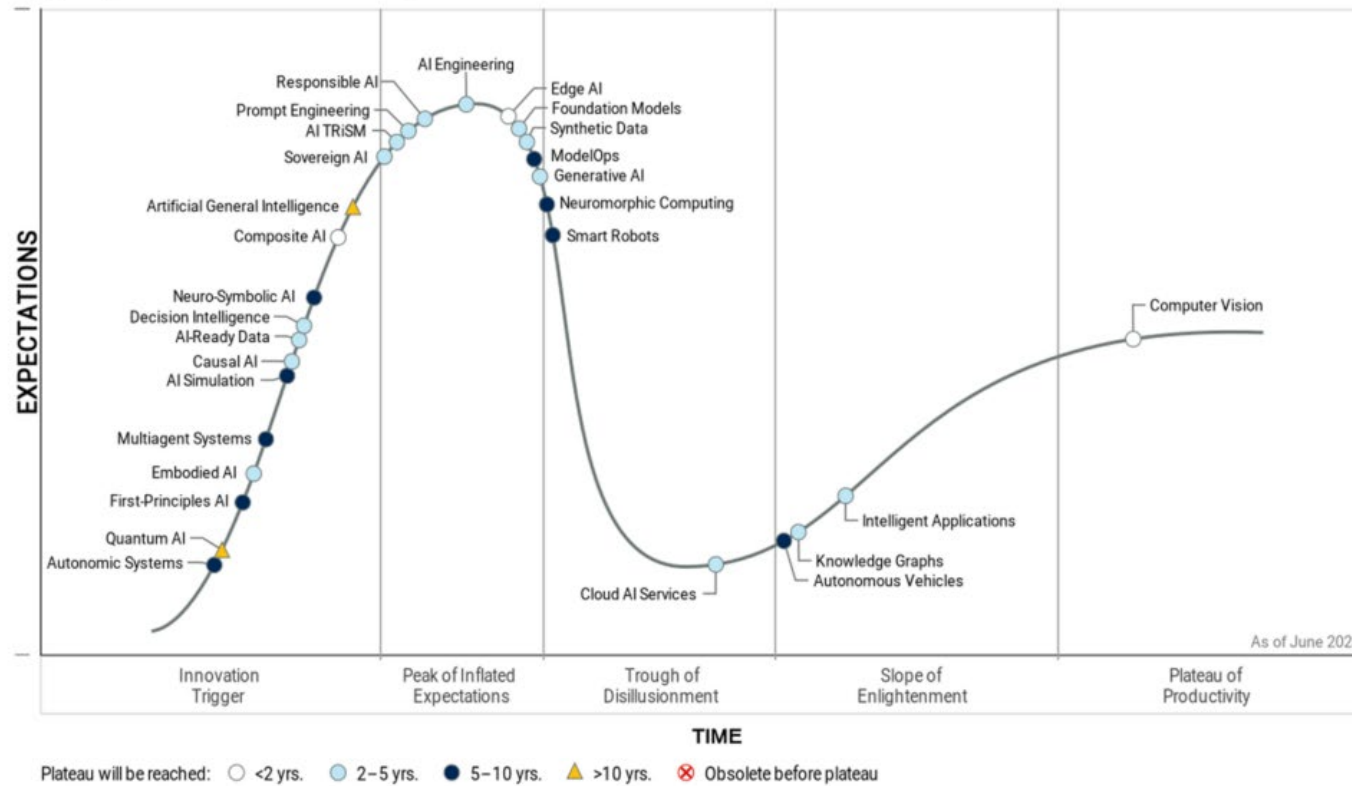
Vikrant Rana
India



Luna Zhang
P.R. China

Figure 1: Hype Cycle for Artificial Intelligence, 2024

Hype Cycle for Artificial Intelligence, 2024





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What needs to be done?

Sonia Montserrat
VIDEN Analytics, Canada



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Videns Analytics

AI & IP : An arranged marriage?

Sonia Montserrat, Data Science Director
sonia.montserrat@vidensanalytics.com
www.vidensanalytics.com

September 2024



AGENDA

▶ Presentation

AI: Potential vs performance

AI Use cases in the legal industry

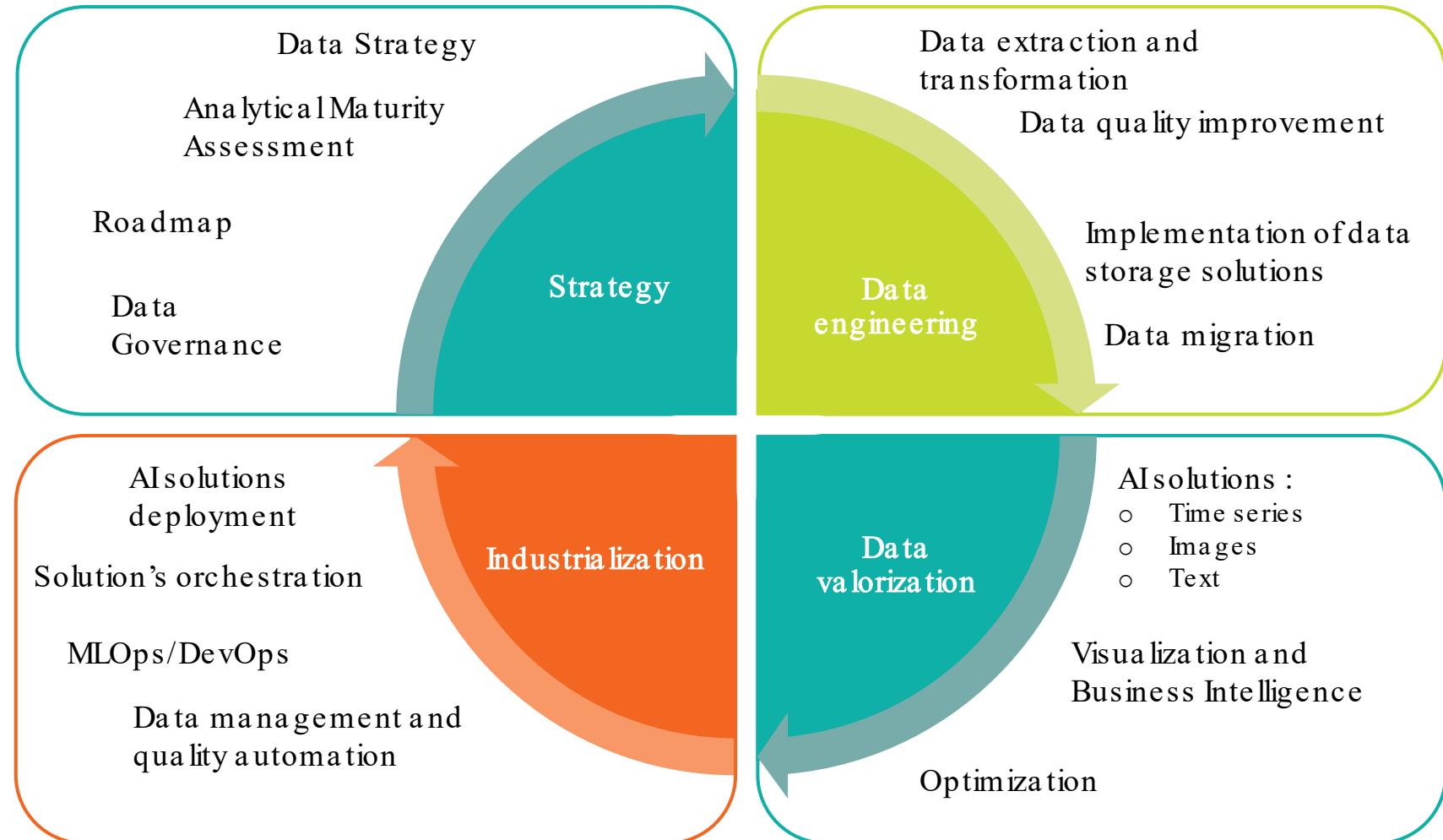
Analytical maturity and the impact on AI

Who We Are

At Videns Analytics, we contribute to the evolution of organizations through the use of data and artificial intelligence. We use our passion, talent and experience to implement efficient and sustainable processes, in harmony with the people and values of organizations, for a more humane society



What We Do



The Videns Difference



We develop **cutting-edge solutions in AI**.

Thanks to our partnership with **MILA**, we can engage some of the most renowned researchers in the world.



We are a partner to **several large organizations in Quebec and France**.

We are recognized for our relevance in the **financial, insurance, and industrial sectors**.



We integrate **AI at the core of a broader data value strategy**.

Data engineering, business intelligence, statistics... this is also our **core expertise**.

Formerly **Montreal Institute for Learning Algorithm*

AGENDA

Presentation

▶ AI: Potential vs performance

AI Use cases in the legal industry

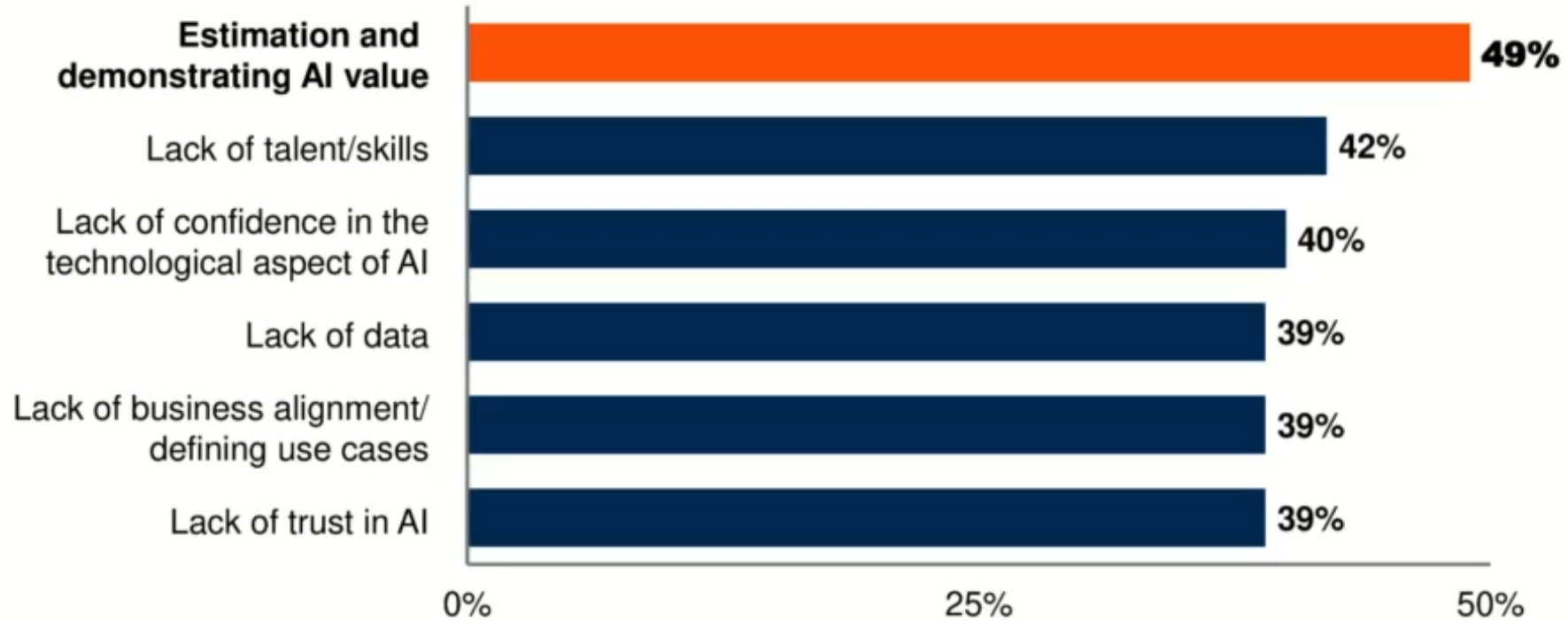
Analytical maturity and the impact on AI

AI: Potential vs performance

- 97% recognize its benefits in daily operations
- 96% of people say that AI is becoming a key tool for their company
- 78% will use private generative AI solutions
- 61% face accuracy issues
- 17% consider their internal solutions excellent in terms of overall performance

Nobody Said It Was Easy: Barriers to AI Adoption

Top barriers to implement AI techniques



n = 632, leaders highly involved in AI; excludes unsure

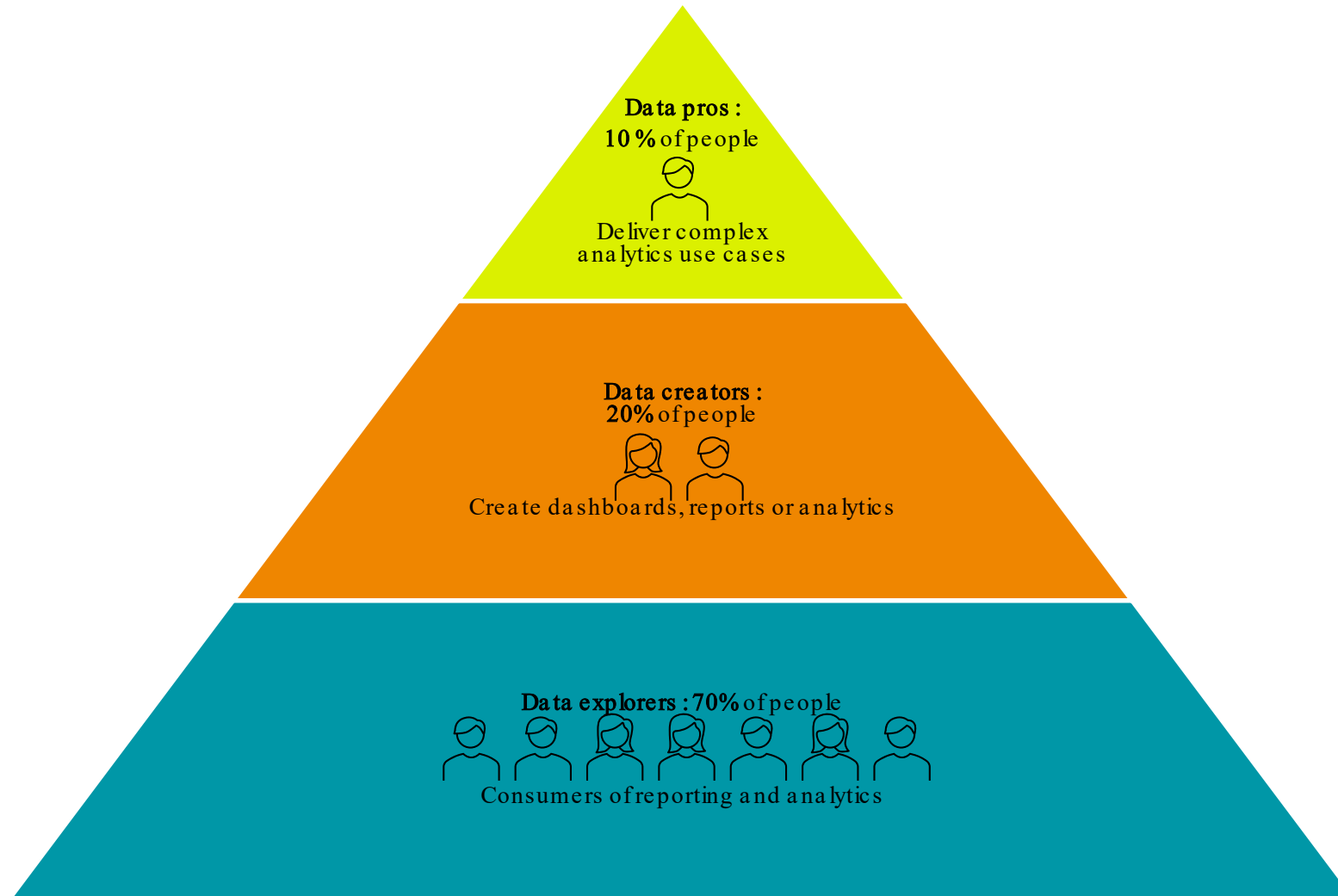
Q18: What are or will be the top three barriers to the implementation of AI techniques within your organization?

Source: 2023 Gartner AI in the Enterprise Survey

15 © 2024 Gartner, Inc. and/or its affiliates. All rights reserved. Gartner is a registered trademark of Gartner, Inc. and its affiliates.

Gartner

The importance of data literacy



Gartner, 2024, adapted from the Kraft Heinz Company

AGENDA

Presentation

AI: Potential vs performance

▶ AI Use cases in the legal industry

Analytical maturity and the impact on AI

AI definitions

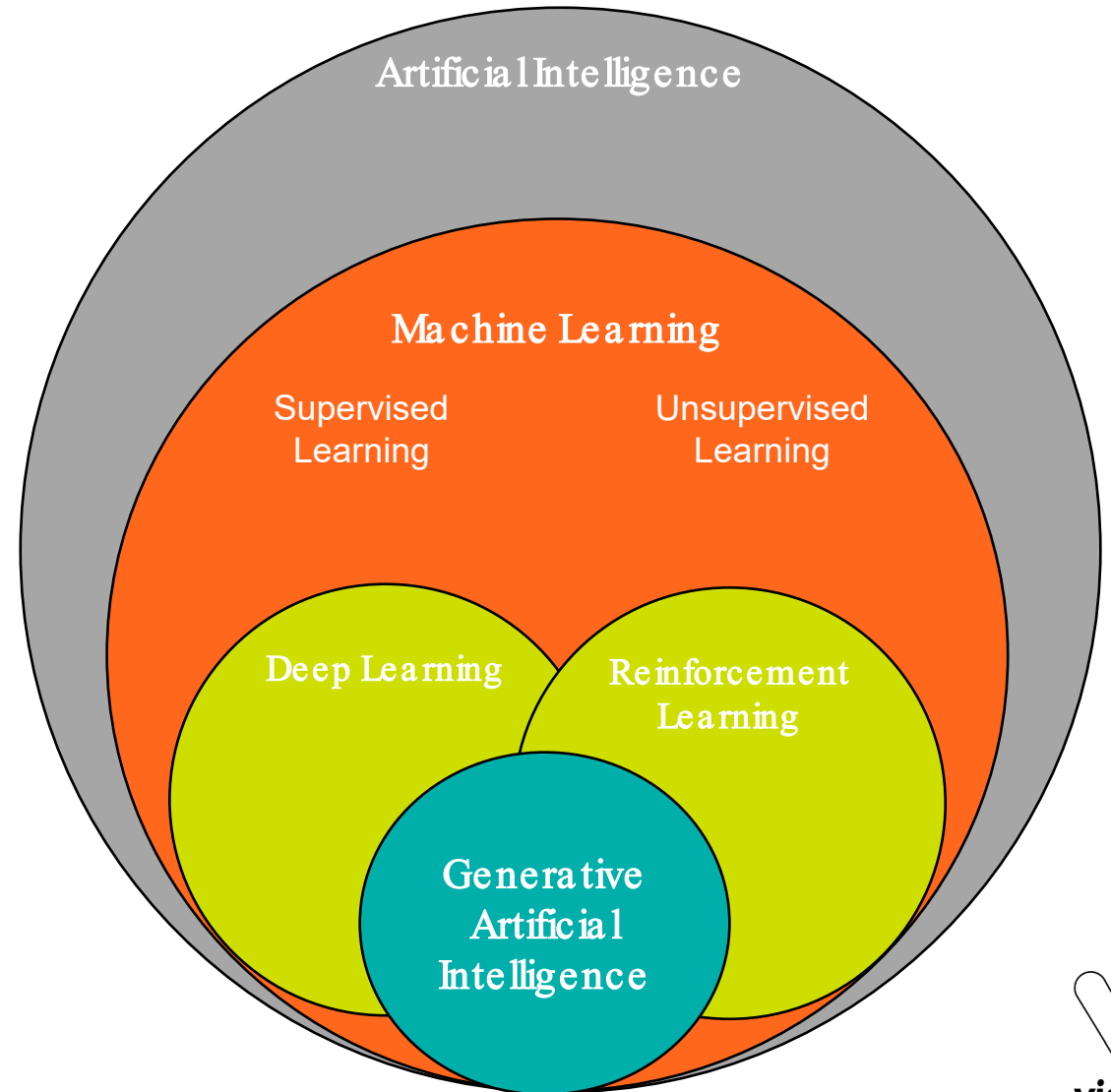
● **Artificial Intelligence (AI)**
Any technique that allows computers to imitate human behavior (or human intelligence).

● **Machine Learning (ML)**
Subsets of AI techniques that use statistical methods to enable machines to improve with experience (i.e., with data) **without being explicitly programmed** for each task.

● **Deep Learning (DL)**
Subsets of ML techniques that use deep neural networks.

Reinforcement Learning (RL)
A machine learning method where an agent learns to make decisions by receiving rewards or punishments for its actions, in order to maximize cumulative rewards.

● **Generative AI**
Generative AI relies on foundational models that can perform multiple operations simultaneously and carry out ready-to-use tasks, such as synthesis, question/answer, classification, etc.



Examples of Generative AI Applications

Text generation

Music generation

Synthetic voice generation (either voices that are more natural or realistic than traditional synthetic voices, or voices that imitate familiar ones)

Image / Video generation

Generation of realistic avatars



*Image generated by a generative AI

Two type of AI use cases for the legal industry :



AI for Clerical Tasks

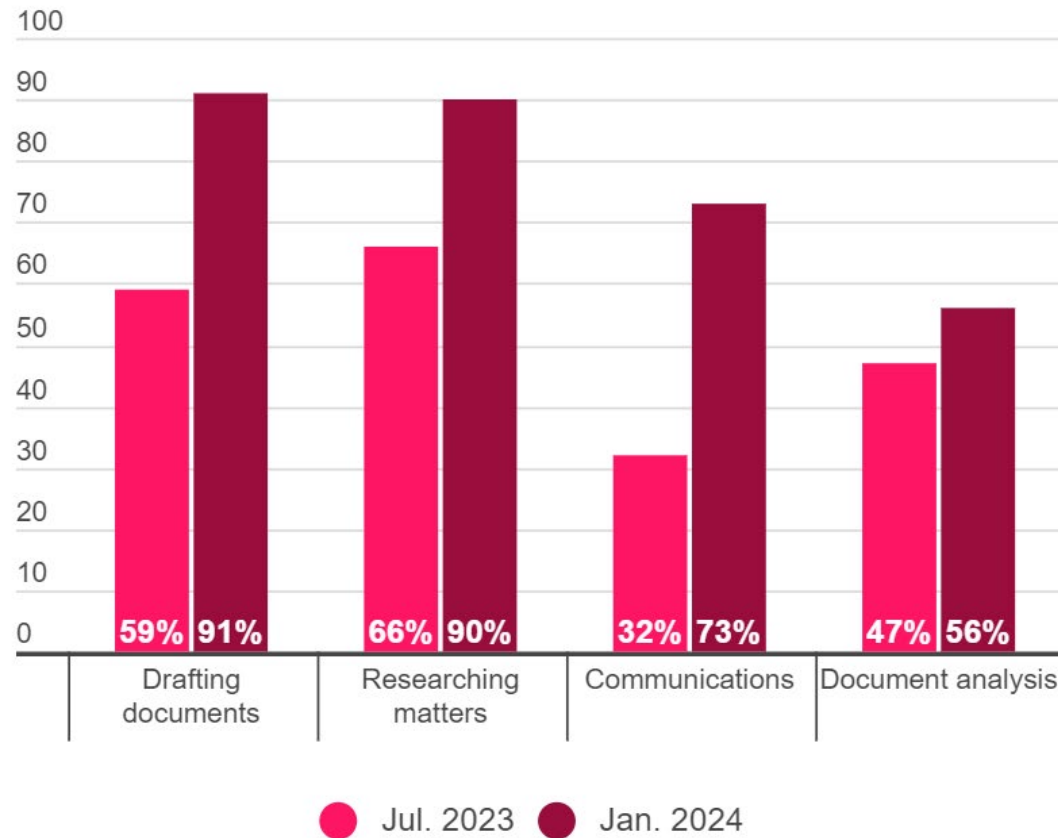
- Documents classification
- Customer account opening
- Automatic invoice processing
- Cash flow forecasting



Generative AI in Legal Practice

- Localisation : Training models using the correct legal corpus, to avoid context errors
- Summarizing interrogations to track specific information
- Reducing the time required for writing
- Research tools to obtain legal answers and generation of easy-to-understand responses

Priorities for legal technology powered by generative AI



Source : Lexis/Nexis survey in the United Kingdom in January 2024
<https://www.lexisnexis.co.uk/insights/lawyers-cross-into-the-new-era-of-generative-ai/index.html>

Challenges to implement AI projects in the legal industry

- *What are the biggest hurdles to a adoption of generative AI powered solutions in your firm ?*
 - 57% Concerns over hallucinations
 - 55% Concerns over security
 - 55% Current technology is not trustworthy enough

The art of *Prompting* with Generative AI

The *prompt* is used to provide the right level of information to the generative AI tool in order to improve the chances of satisfactory responses.

How to proceed:

You need to be precise. For example:

- **Role:** Perspective to adopt
- **Context:** Detail the problem
- **Task:** What you want the AI to generate
- **Format:** How to present the information

The phenomenon of hallucination

Hallucination phenomenon: the model gives erroneous information without showing the slightest doubt.

This phenomenon is explained by the way the models are trained: **predicting the most probable token (word) in a sequence of text.**

This occurs preferentially when approaching a domain for which **training data is not abundant.**

Progress has been made, but it is still an important issue.

Models should be used with supervision!

The phenomenon of hallucination

Input Query

Why did Justice Ginsburg dissent in Obergefell?

Practical Law Response


Justice Ginsburg dissented in Obergefell because she believed that the court's interpretation undermined Congress's intent under Section 601(a) (1) to protect copyright owners against unauthorized importation of low-priced, foreign-made copies of copyrighted works. She argued that the text of the Copyright Act clearly applies to works governed by the statute. [...] 

The system fails to correct the user's mistaken premise—in reality, Justice Ginsburg joined the Court's landmark decision legalizing same-sex marriage—and instead provides additional false information about the case.

Input Query

Do any special requirements apply to online dating services in Connecticut?

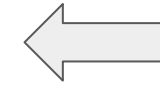
GPT-4 Response

Yes, Connecticut has specific legal requirements that apply to online dating services. Under Connecticut law, particularly **Conn. Gen. Stat. § 42-290**, online dating services that charge a fee and have members who reside in Connecticut must provide their users with specific safety awareness notifications. These notifications must include: [...] 

Example of a hallucinated response from GPT-4, which generates a statutory provision that has not been codified.

Examples of a prompt in the legal field

- **Contract Analysis:** "Based on the attached contract, identify any clauses that could potentially lead to a breach of confidentiality."
- **Legal Risk Assessment:** "Review the attached document and highlight any legal risks related to employment law."
- **Case Law Comparison:** "Compare the attached case ruling with recent similar cases in commercial law. Provide a summary of the differences in judgments."
- **Regulatory Compliance:** "Analyze the attached policy document and determine if it complies with current data protection regulations like GDPR or CCPA."



LLMs can be used to access information that wasn't necessarily 'memorized' during training and leverage their comprehension ability to summarize this information.



These actions are drawn directly from the provided document. If any information is unclear or unavailable, it has been noted accordingly

We can explore certain aspects further to obtain more precise information..

Risks and challenges related to generative AI

Model bias : origin and consequences

Origin of bias :

Training data for generative AI often comes from large corpus accessible on the Internet.

If these sources contain stereotypes or prejudices, the AI will assimilate them.

Consequences of bias :

Biases can negatively impact decision-making or content generation, leading to discrimination or inaccurate preconceptions.



Source: NY Times article on generative AI bias against minorities.

AGENDA

Presentation

AI: Potential vs performance

AI Use cases in the legal industry

- ▶ Analytical maturity and the impact on AI

The impact of maturity

- Leaders are able to scale up **44% of the AI use cases** in their portfolios, more than twice the **19% of other companies**. (BCG)
- In the average organization, **51% of AI projects** are in production but **not being delivered at scale**. (S&P)
- **52% of AI projects** on average **never make it into production**. (Gartner)
- **46% of AI projects failed to meet their goals**, but the success rate increases as a company progresses in its AI maturity journey. (LXT)

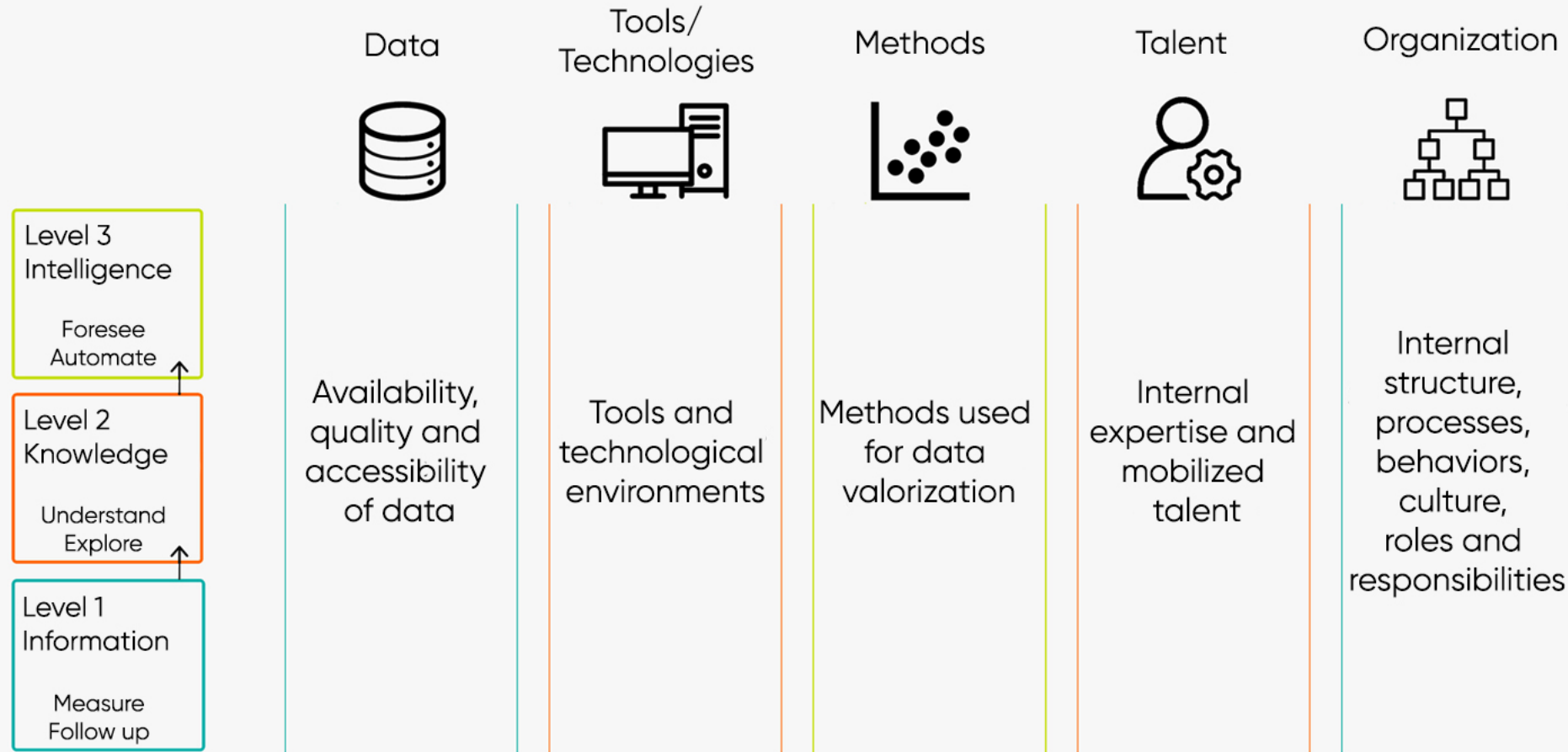
<https://www.bcg.com/publications/2023/scaling-ai-pays-off>

<https://www.weka.io/resources/analyst-report/2024-global-trends-in-ai/#ai-maturity-and-adoption>

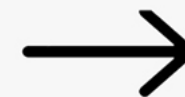
<https://webinar.gartner.com/588829/agenda/session/1318318?login=ML>

<https://www.lxt.ai/path-ai-maturity-2023/>

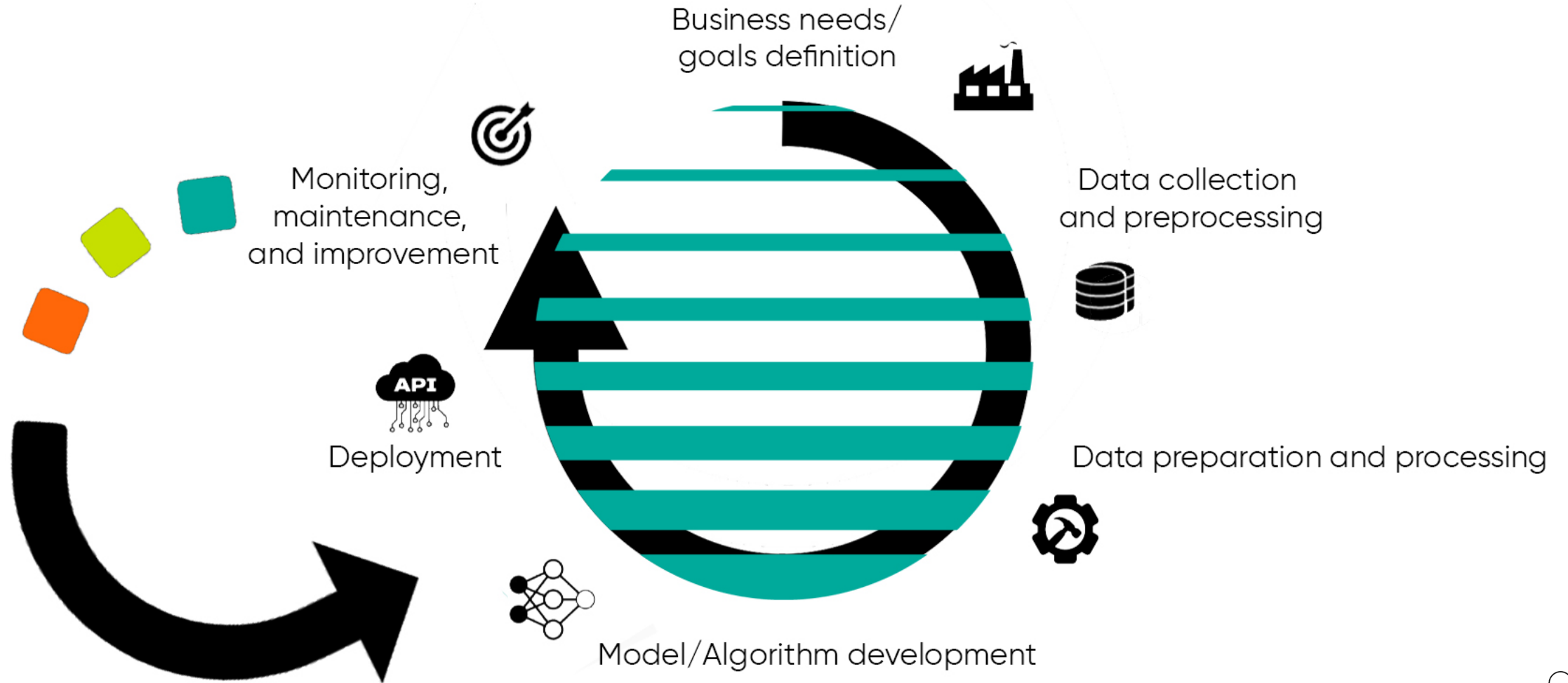
Our Analytical Maturity Model



Harmonious evolution through the 5 axes



AI solutions development



How to scale AI projects to different firm sizes?

- Prioritize investments in **high-impact use cases and maturity foundations**
- AI projects should be considered as a **business initiative**, not only IT
- A **business sponsor** is the first requirement
- Company's **vision, culture and change management** are essential to success
- Data is becoming one of the most important **companies' assets**
- Deploying an AI solution a matter of **time and resources**
- **Generative AI** can be an opportunity to drive AI adoption and analytical maturity



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communications@vidensanalytics.com



<https://www.linkedin.com/company/videns-analytics>



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Example – SS Rana & Co.

Vikrant Rana
S.S. Rana & Co, India



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AI and IP: An Arranged
Marriage?

Vikrant Rana
Managing Partner, S.S. Rana & Co.

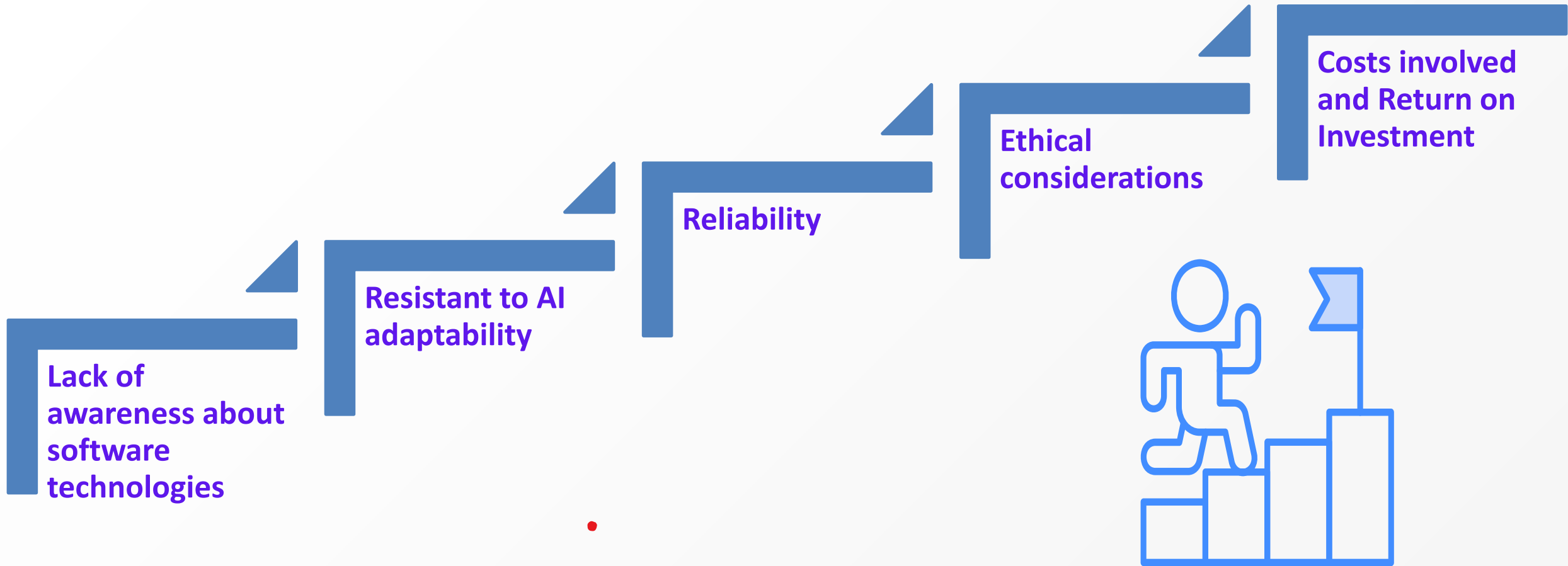
Will that be easy??

Studies suggest that legal profession has a reputation of being resistant to change!

Let's explore....



Key concerns



Benefits

01

Can be helpful in reducing costs in the long term

Help in developing stronger business strategies

02

03

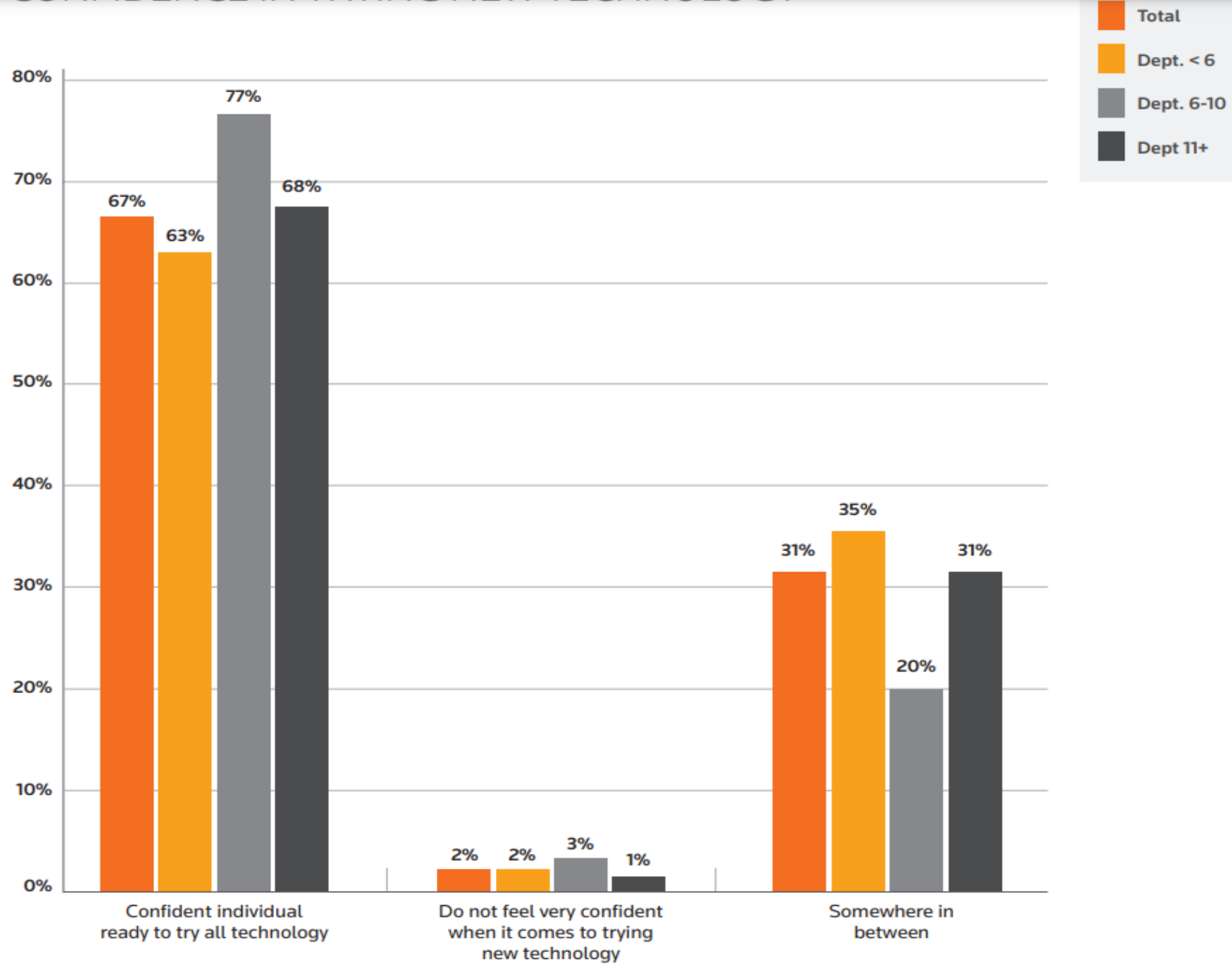
Minimize contractual risks

Increase productivity by automating repetitive tasks

04

What does Thomson Reuters Survey on Confidence of Legal Departments in trying new technologies says?

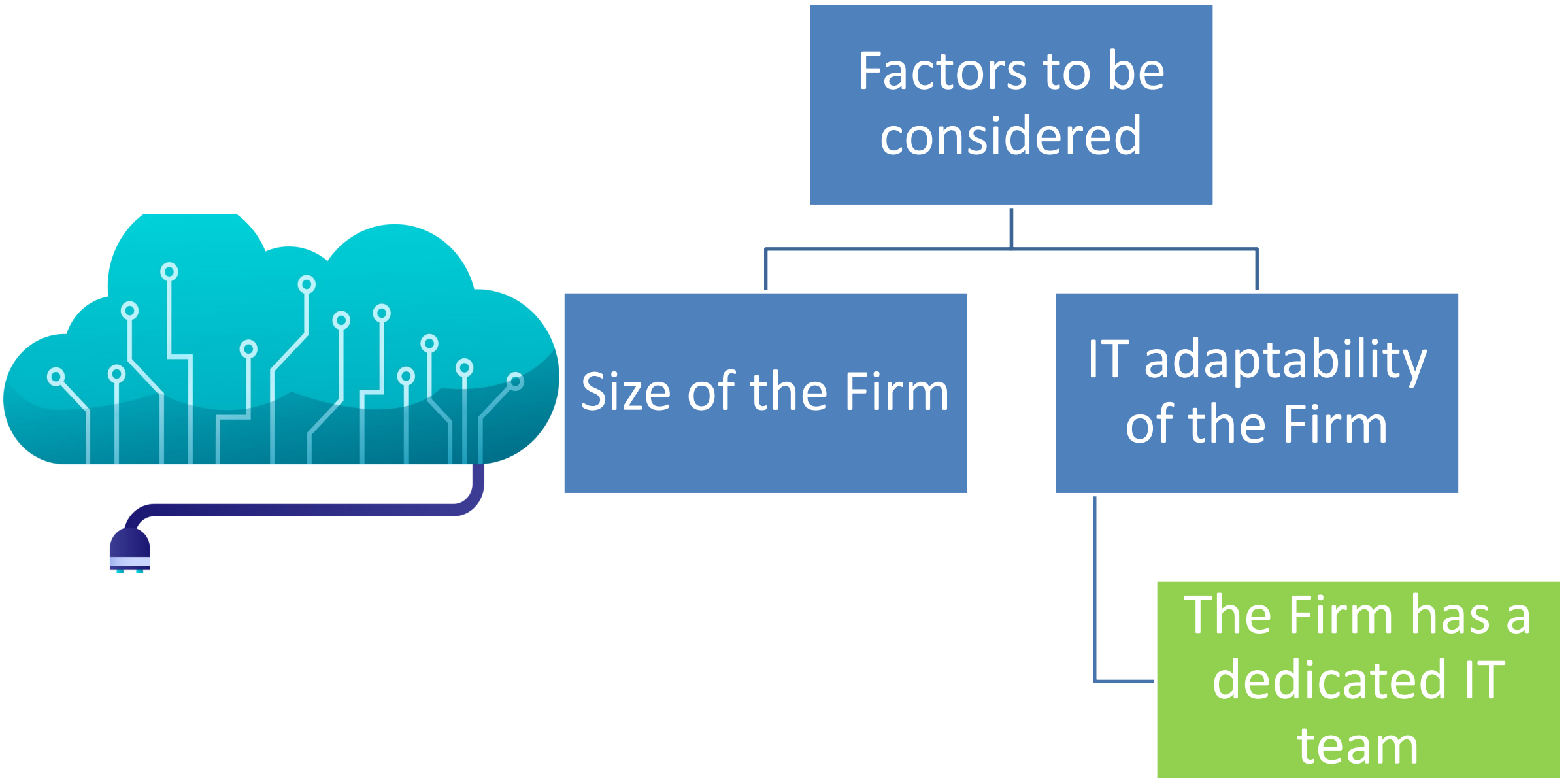
Source: Thomson Reuters report on Ready or not: Artificial Intelligence and Legal Department, 2025.



Tasks for which AI is being used

- ✓ **Scanning of emails and auto assigning of work/ tasks**
- ✓ **Use of AI for image recognition**
- ✓ **Preparing first drafts of office actions**
- ✓ **Conflict check**
- ✓ **Onboarding of clients**
- ✓ **Human intervention is essential for quality control**
- ✓ **Regular audits essential to fill in the gaps and ensure responsible use of AI**

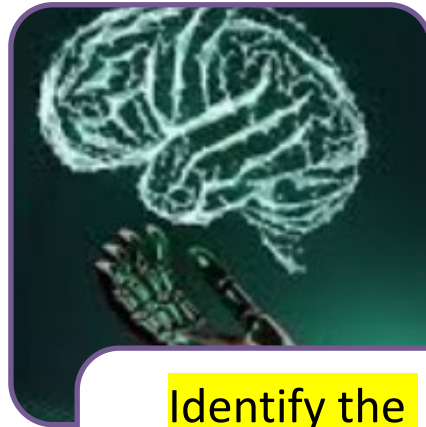
Are AI tools accessible by all law firms?



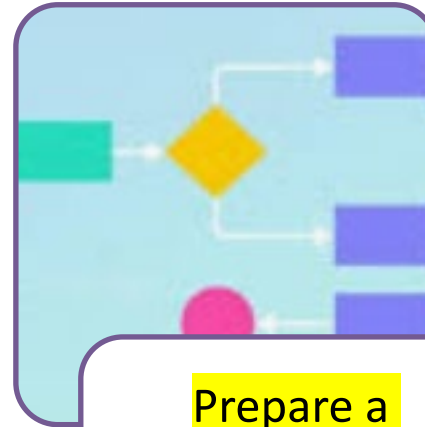
How can a firm embrace AI?

AI adoption and 2 concerns:

- ROI (Return on Investment)
- Trust



Identify the process that can be replaced by AI
For example- assignment of Tasks



Prepare a flowchart showing- each and every step involved in the process.



Then analyze, the steps that can be eradicated by the use of AI.

Eradicating steps and reducing TAT through use of Technology/ AI Tools



- **Problem Statement :**

- It was observed that clients were not able to get status on their respective files and the turn around time was long as 7 days resulting into sometimes missing deadline for office action. At the same time there was manual effort spent on status update.

- **Scope Statement :**

- **All files and categories for trademark, patents, opposition**

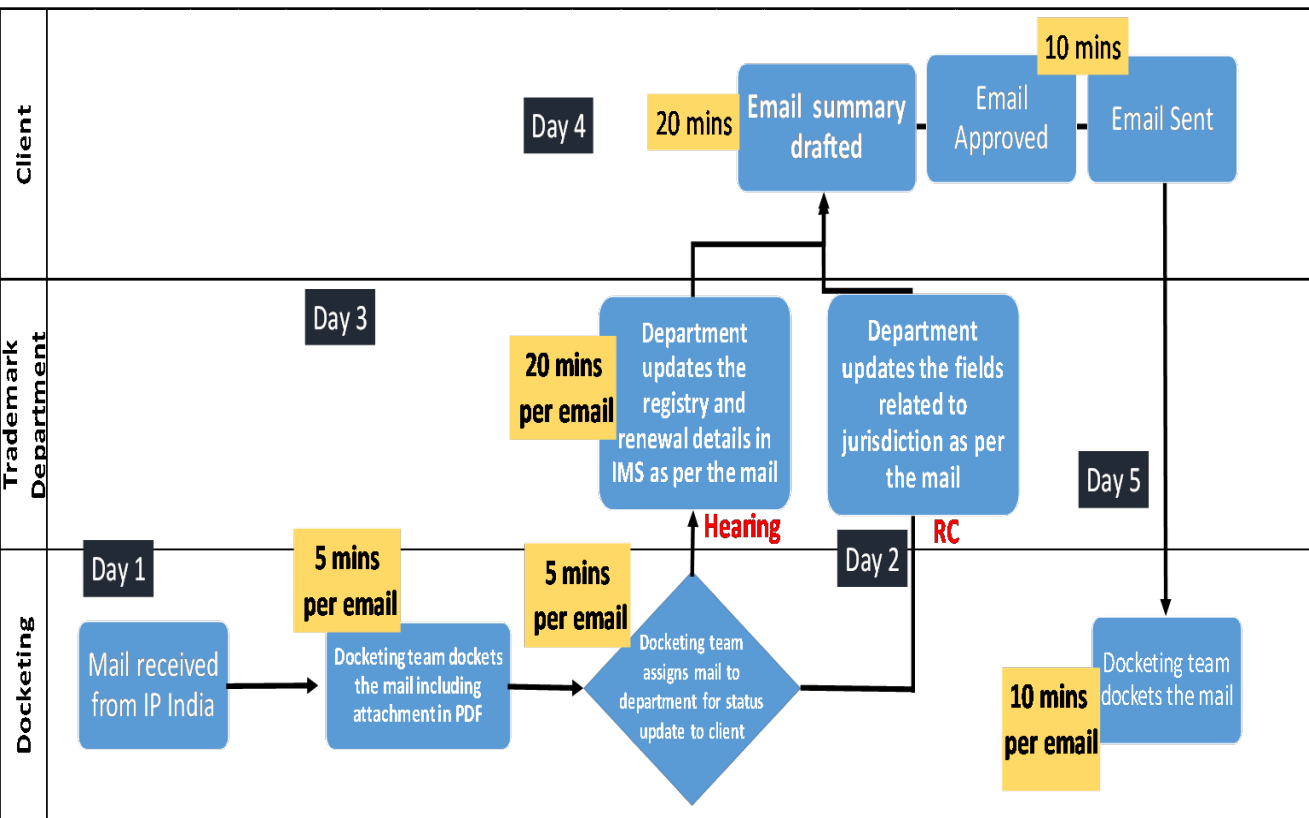
- **Process Mapping:**

- **Conducted value stream mapping to identify non-value added activities**

- **Root Cause Analysis conducted along with brainstorming session and found bottlenecks, over processing of data, redundancy, wait time.**

- **22 steps in the process were reduced to 10 steps**

Improvements – Before and After Lean Adoption of Technology



Before Improvement:

- Non-Value- Added Activities – Manual work, Wait Time, Inspection, Redundancy, Movement of Flow 60 mins per email was spent in getting the status of file to the client.
- On an average there are 50 emails received from registry, it would take 3000 minutes or 50 person hours and would take 3 full time to update status in 2 days and hence delay in response to customer.



After Improvement:

- Non-Value- Added Activities – Manual work, Wait Time, Inspection, Movement of Flow 1 hour per email, on an average 50 mails received per day – 50 hours of effort reduced to 8.5 mins, as per email it was 10 secs
- In addition error rate reduction to 0

Implementation Rollout and Results

Post Pilot, automation was updated for other scenarios and for trademark dept all status process was rolled out with training to Docketing, Trademark department.

Before (8 steps)

- Mail received from IP India
- Docketing team docket the mail including attachment in PDF
- Docket team assigns mail to department for status update to client
- Department updates the field related to renewal details or jurisdiction as per the mail
- Email summary drafted
- Email approved
- Email sent

Team Members Working : 5

After (0 steps) - Automated

- Mail received from IP India
- Auto docketing of email and auto status update
- Status updated at file level automatically as per the mail
- Auto search for mark and image using AI
- Auto email sent to client
- Auto docketing of email.

No manual intervention

Team Members : 0

44

TAT reduced from 5 days to 1 day

Team Size reduced from 5 to 0

Billing days delay reduced from 5 days to 1 day

Annualized 200000 USD Saving per annum only for Trademarks, similar implementation in Patents and other departments have led to >500k USD savings

Return on Investment and Tangible Benefits

Cost Benefit Analysis

Costs		Tangible Benefits		Non - tangible Benefit (s)	
One Time	Recurring	Benefit (s)	Value	Benefit (s)	Priority
IT Cost –4 person month 320000 INR app.	None	5 person months saving –	20000 USD per month annualized to 240000 USD	Customer gets email on time	I
		Billing delay of 5 days saved to 1 day		Value added work done by legal dept	
		TAT reduced from 5 ⁴⁵ days to 1 day		Better Feedback from clients	

DPIIT launches AI/ML- Trademark Search Technology to enable faster clearance of trademark applications

The Department for Promotion of Industry and Internal Trade on September 20, 2024, has launched Artificial Intelligence (AI) and Machine Learning (ML) based Trademark Search Technology and IP Saarthi Chatbot.

Key features of the new technology include:

1. Advanced AI and ML algorithms for precise trademark identification
 2. Streamlined search processes for domestic and international businesses
 3. Enhanced protection capabilities for trademarks
- Expedite trademark registration processes
 - Improve the overall user experience for IP stakeholders
 - Foster international collaboration in IP system development



**AI and IP
profession:
THE FUTURE**

01

**Reduced
timelines**

05

**Automated
Patent drafting**

02

**Cutting down Billable
hours of employees by
automating repetitive
tasks**

04

**Create
opportunities for
innovation in
Client services**

03

**Reduced
Operational
expenses**



—ESTD: 1989—
S.S. RANA & CO.

A D V O C A T E S

ISO 9001 : 2015 & ISO 27001 : 2013



Thank you!

Vikrant Rana, Managing Partner, S.S. Rana & Co.

Contact details:

M- +91-9810154485

E- Vikrant@ssrana.com



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Example: Kangxin Partners

Luna Zhang
Kangxin Partners, P.R. China



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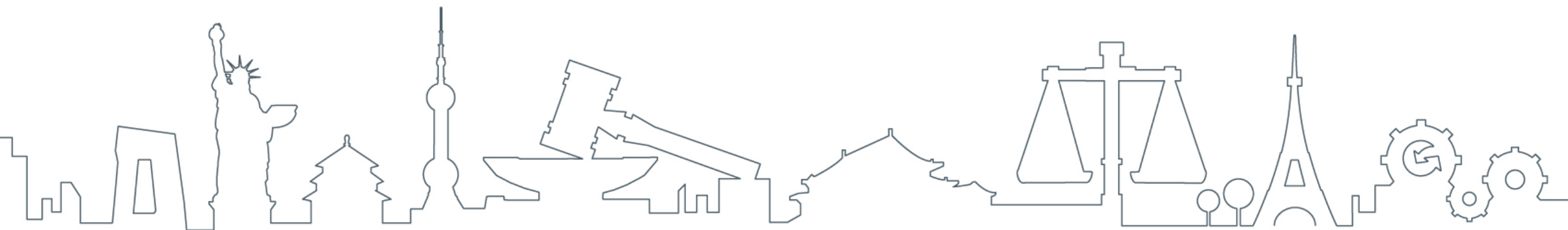
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AI & IP: an arranged marriage?

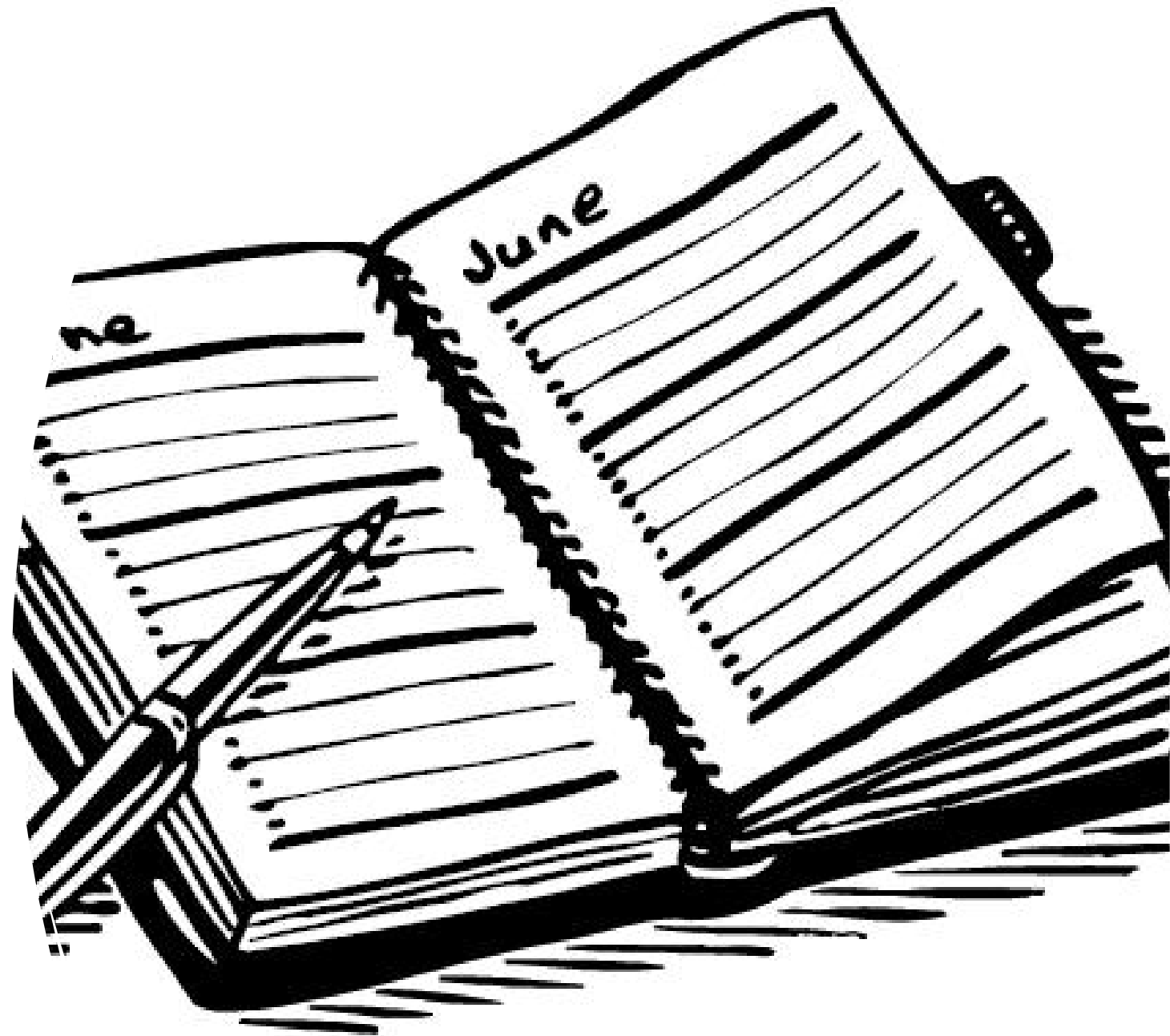
Luna ZHANG

Luna.zhang@kangxin.com



Agenda

- Why and how we start the journey with AI?
- What are our scopes to use AI in our work?
- Our experience and thoughts



Why and how we start the
journey with AI?



Introduction of KangXin



Established in 1994



Headquarter: Beijing
Branches: Tianjin, Qingdao, Xian, Wuhan, Hangzhou, Guangzhou and Dongguan
Employees: 600+



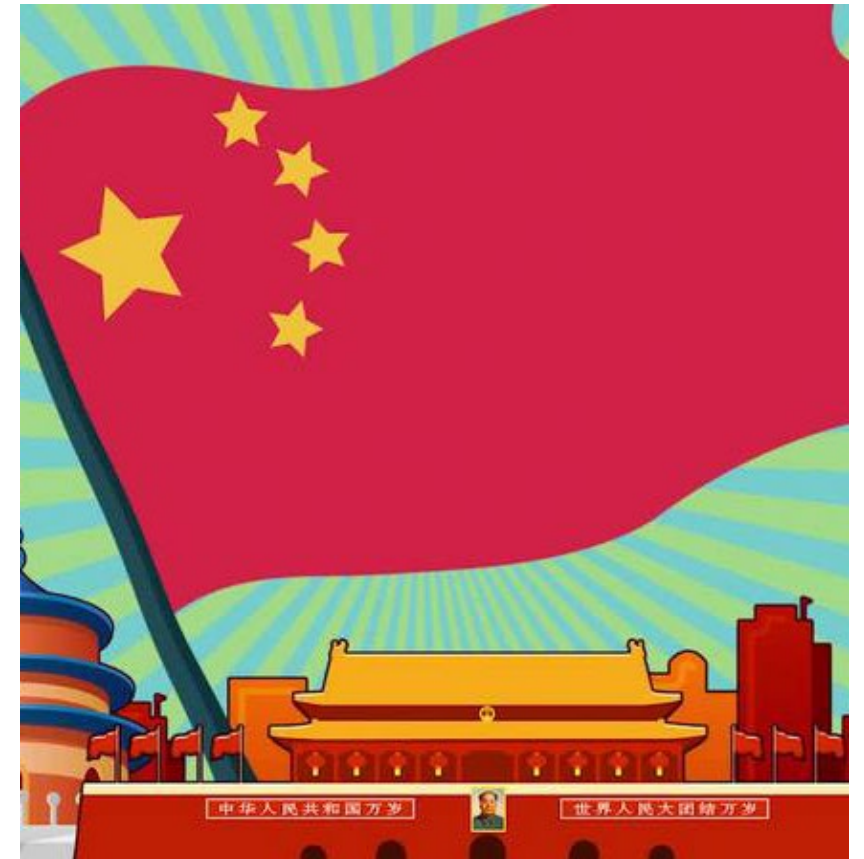
Full IP Services

Technology in our DNA:

- IT systems: Built in 2009
- Digitalization/E-flings: from 2010
- AI: from 2017

Macro Background

- The **international trend** of applying artificial intelligence across various industries and the **support of the Chinese government** for its development.
- 1. In 2017, China announced an ambitious programme for its domestic development of AI, with the aim of becoming the world's 'major AI innovation centre by 2030.
- 2. From 2021, the Chinese government's strong support for building a Powerful IP Nation with digitalization. In the same year, the AI special committee of the China Patent Protection Association was established.
- 3. In 2023, the Patent Agents Association promoted the use of AI in IP firms and decided to conduct specialized research on the topic. We undertook this project.





Technology

1. Enhanced Data Processing
2. Enhanced Search Capabilities
3. Natural Language Processing
4. Improved predictive analytics



Other elements

1. International data, more accessible
2. Collaboration and information sharing in the globalization of IP
3. Increased awareness and demand

Our vision and expectations



Strategic vision

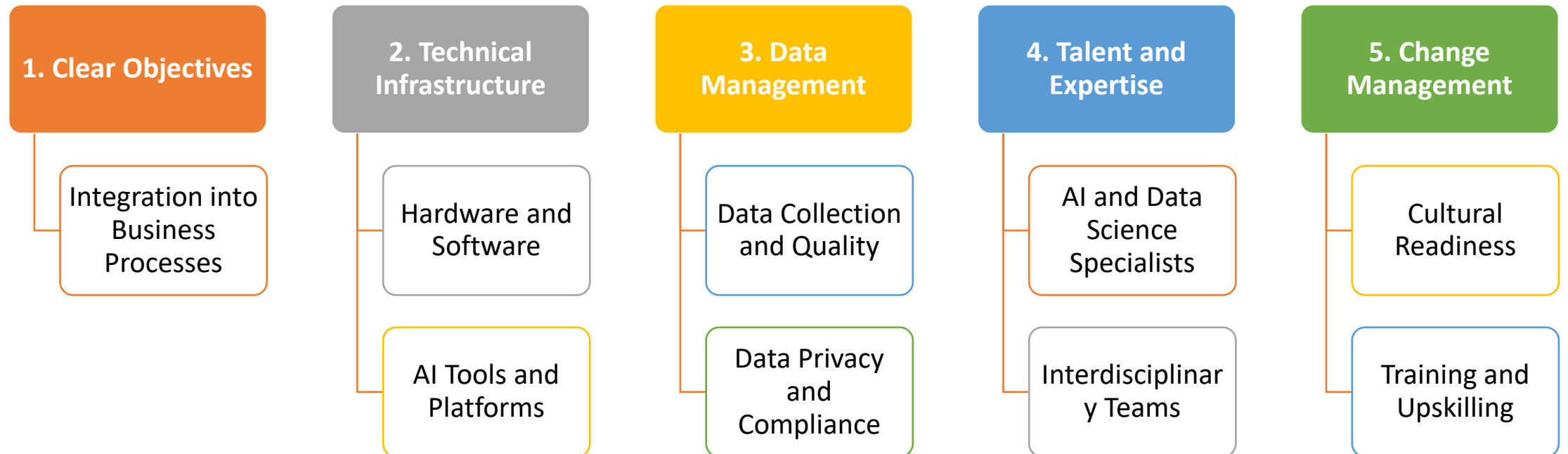
Our partners' strategic forecast for the future is: If we do not innovate, we will be innovated upon and disrupted. We intend to respond to this revolution with a positive attitude, seizing the changes and opportunities that it brings.

1. **Efficiency and Automation**
2. **Cost Savings**
3. **Integration with Existing Systems**
4. **Scalability**
5. **Client Satisfaction**

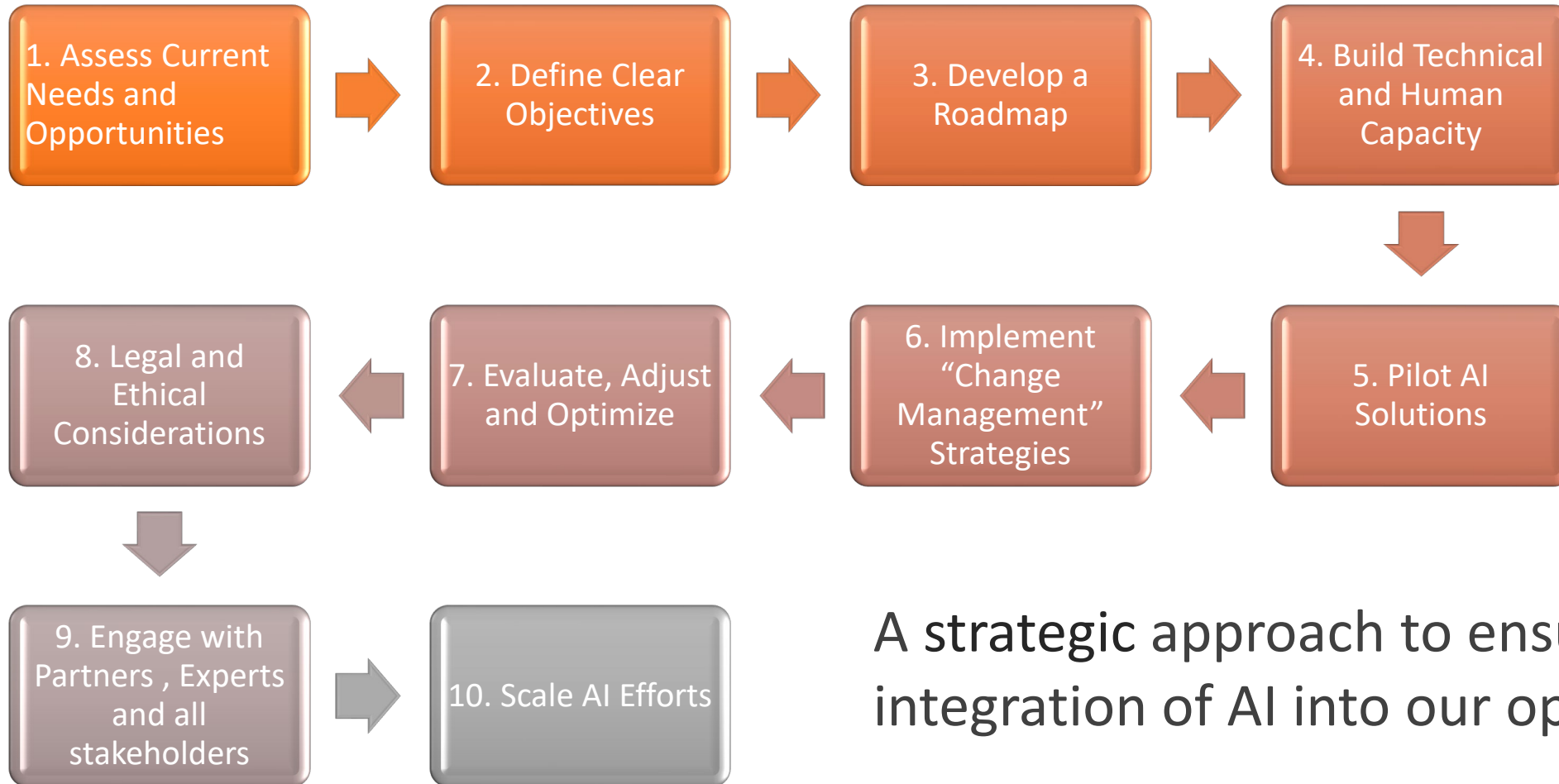


In summary, by tackling existing challenges with the support of AI technologies, we can enhance efficiency, improve our service offerings, and stay competitive in a rapidly evolving landscape.

We are ready!



How we start the Journey



A strategic approach to ensure successful integration of AI into our operations



What are our scopes to use
AI in our work?



Substantive work

- Patent application draft, patent translation
- Responding to office actions;
- Patent documents comparison and analysis;
- Trademark search and monitor, etc

Attorneys / Consults



Process-oriented tasks

- Categorizing inquiry letters according to specific trademark and patent fields
- Managing workflow and track case deadlines

Para-legal / Legal secretary



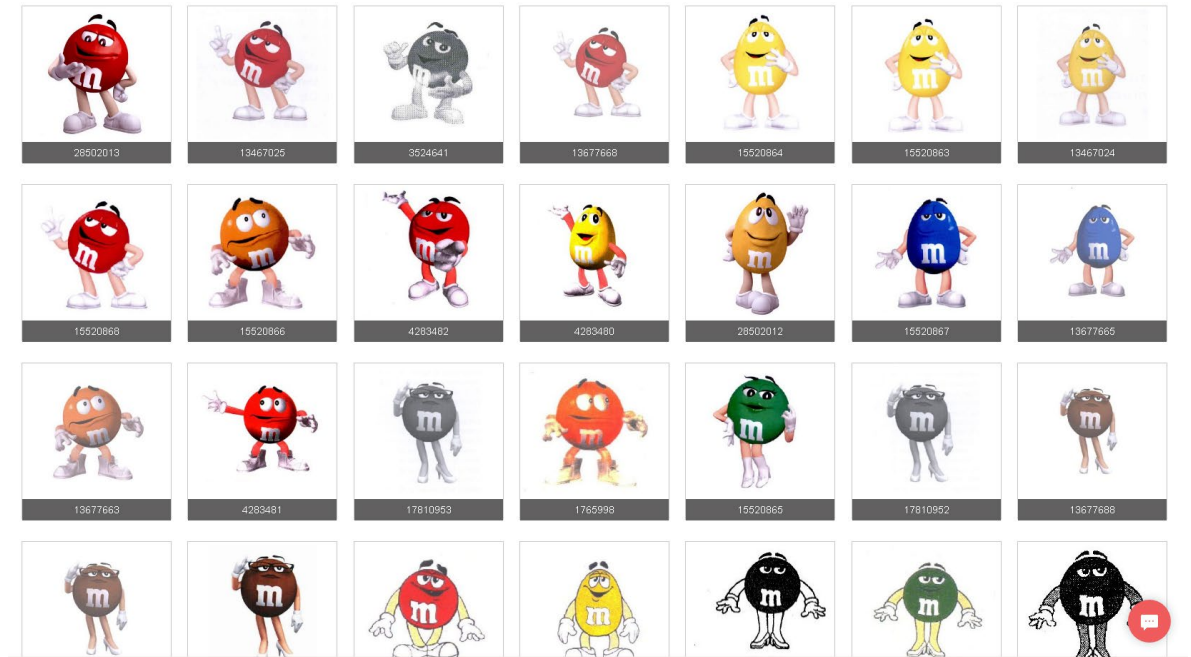
Supportive tasks

- Letters drafting;
- Meeting Minutes
- Statistical reports
- Financial data comparative analysis

Administrative / Marketing/ Finance

Image trademark search

Automatic Recognition of Graphic Elements



Auto Patent Search

微生物采油技术

关键词

添加关键词

微生物采油

申请年度

公开年度

代理机构

申请人

发明人

法律状态

筛选

1 微生物采油方法 **有效**

公开号: [CN103541703B](#) 申请号: CN201310052884.0
发明人: 梅海 申请人: 鑫亿泰地质微生物技术(北京)有限公司 何志东 申请日期: 2007-09-30
专利度: 13 独权度: 1 方法度: 13 特征度: 32

本发明提供了一种微生物采油的方法,该方法包括步骤:将(a)反硝化微生物,(b)水溶液载体,和(c)非氧电子受体引入到厌氧环境条件下的储集岩地层,使反硝化微生物在元素硫和/或含硫化合物存在的条件下,将所述的非氧电子受体还原,并产生硫酸,而硫酸对储集岩具有溶蚀作用从而易于石油的释放。本发明提供的方法将反硝化微生物、水溶液载体和非氧电子受体引入到储集岩地层中,从而在元素硫和/或含化合物存在的条件下,所述反硝化微生物将所述非氧电子受体还原,降低含水体系中硫化氢的量,并且能够预防硫化氢的进一步形成,而且能够抑制含水体系中可能存在的硫酸盐还原菌的生长,并产生硫酸,易于石油的释放,从而提高了石油的采集率。

☆☆☆☆☆



2. 一种微生物采油方法 **无效**

公开号: [CN1419035A](#) 申请号: CN02151230
发明人: 刘金峰 牟伯中 申请人: 华东理工大学 申请日期: 2002-12-12
专利度: 1 独权度: 1 方法度: 1 特征度: 58

本发明公开了一种微生物采油方法,其采用段塞方式注入微生物溶液,同时注入空气,注完微生物溶液后至少3天后再注营养液,然后恢复正常注水生产。所述方法可使注入到油藏中的微生物的活性达到较高水平,最大限度地发挥微生物的性能,从而提高微生物驱油效果。

☆☆☆☆☆

共 512 条 40 条/页 < 1 2 3 4 5 6 7 8 9 10 ... 13 > 前往 1 页

Patent Document Comparison and Analysis

技术方案 对比文件分析 关键词检索式分类号

OA

新申请

透明薄膜母料及其制备方法 🗑️ 🔒 ▼

申请号：CN200610117096 公开号：CN1951994A

摘要：本发明涉及透明薄膜母料及其制备方法，所述透明薄膜母料，其特征在于包括下列各组份，以重量份计：滑石粉75~85份，低密度聚乙烯5~16份，乙烯 - ...

一种透明薄膜母料及其制备方法 🗑️ 🔒 ▼

申请号：CN200510026428 公开号：CN100432132C

摘要：本发明涉及一种透明薄膜母料及其制备方法，所述透明薄膜母料，其特征在于包括下列各组份及重量份配比：滑石粉75~85份，复合载体树脂7~15份，硬...

高含量、通用性广的滑石粉填充母粒及其生产设备和方法 🗑️ 🔒 ▼

申请号：CN201110377209 公开号：CN102504334B

摘要：本发明公开了一种高含量、通用性广的滑石粉填充母粒及其生产设备和方法。本发明的滑石粉填充母粒是由90~98份滑石粉、1~2份硬脂酸盐、1~3份硅酸...

高含量、通用性广的滑石粉填充母粒及其生产设备和方法 🗑️ 🔒 ▼

申请号：CN201110377209 公开号：CN102504334A

摘要：本发明公开了一种高含量、通用性广的滑石粉填充母粒及其生产设备和方法。本发明的滑石粉填充母粒是由90~98份滑石粉、1~2份硬脂酸盐、1~3份硅酸...

Drafting of Claims

技术方案 权利要求书 发明说明书 发明内容 具体实施方式

OA

新申请

权利要求书

1. 一种云办公环境下的信息安全保护方法，其特征在于，包括：检测虚拟机或物理机中的零终端是否访问共享文件服务；如果检测到访问共享文件服务，进一步检测用户是否发起对共享文件的读取请求；如果检测到用户发起读取请求，进一步检测用户是否进行截屏或截图操作；如果检测到用户进行截屏或截图操作，采取措施阻止截屏结果的粘贴或阻止截图文件生成。
2. 根据权利要求1所述的方法，其特征在于，所述检测虚拟机或物理机中的零终端是否访问共享文件服务，进一步包括：在零终端登录虚拟桌面后，持续监控零终端的网络通信，识别访问共享文件服务的行为。
3. 根据权利要求1所述的方法，其特征在于，所述如果检测到用户发起对共享文件的读取请求，进一步检测用户是否进行截屏或截图操作，具体包括：监控用户界面上的键盘和鼠标操作，识别截屏或截图指令；监测软件操作，拦截截图软件的启动和运行。
4. 根据权利要求1所述的方法，其特征在于，所述如果检测到用户进行截屏或截图操作，采取措施阻止截屏结果的粘贴或阻止截图文件生成，进一步包括：通知剪贴板管理组件阻止当前用户的图像粘贴操作，以防止截屏结果被粘贴到其他应用程序中；拦截createfile API，阻止截图文件的生成或保存，以防止用户将截图保存为文件。
5. 根据权利要求1所述的方法，其特征在于，所述采取措施阻止截屏结果的粘贴或阻止截图文件生成，还包括：记录截屏或截图操作的尝试，生成安全日志，用于审计和追踪用户行为。

Generating Texts from Images

技术方案 权利要求书 发明说明书 发明内容 具体实施方式



OA



新申请

权利要求书

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2. 根据权利要求1所述的方法，其特征在于，所述检测虚拟机或物理机中的零终端是否访问共享文件服务，进一步包括：在零终端登录虚拟桌面后，持续监控零终端的网络通信，识别访问共享文件服务的行为。
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5. 根据权利要求1所述的方法，其特征在于，所述采取措施阻止截屏结果的粘贴或阻止截图文件生成，还包括：记录截屏或截图操作的尝试，生成安全日志，用于审计和追踪用户行为。

Responding to office actions



OA



新申请

申请文件与对比文件的区别技术特征

关于独立权利要求的反驳

申请人认为本发明权利要求1请求保护的具有洗涤筒的门体洗涤机构具备专利法第22条第3款规定的创造性，具体反驳理由如下：

1. 权利要求1中所限定的“洗涤筒可转动地设置在投放门上”这一技术特征并未被对比文件1（CN 110872767 A）明确公开。对比文件1描述的内筒7与外封门302的组合虽涉及洗涤，但内筒7并未明确公开为可转动设置在投放门上。对比文件1中的内筒7是固定在外封门302上，且其转动是通过整个门盖组件30的枢转实现的，而非单独由外封门302驱动内筒7转动。
2. 将洗涤筒设置为可转动的并非本领域公知常识或惯用手段。在洗衣机设计领域，将门体洗涤结构上的洗涤筒设置为可单独转动，特别是要求其在门关闭时伸入门体洗涤腔的内部，需要解决一系列问题，包括但不限于电机驱动、密封、散热、固定等。审查员所指的常规技术手段并未在对比文件1或本领域其它公开文献中明确体现，申请人通过网络收集到的技术文献资料均未提及将门体上的洗涤筒设置为可单独转动的手段。
3. 本发明所涉及的具有洗涤筒的门体洗涤机构，其设计目的是为了高洗涤效率和洗涤效果，特别是通过洗涤筒302的单独转动，实现对洗涤物的有效搅动和摔打，从而提高洗涤效果。这一设计思路并未在对比文件1中得到体现，对比文件1中的洗涤筒并不具备单独转动的功能，更没有描述通过洗涤筒的单独转动来实现对洗涤物的搅动和摔打，以提高洗涤效果。
4. 本发明的创造性在于，通过在投放门200上设置可单独转动的洗涤筒302，不仅实现了洗涤物的分类清洗，避免交叉污染，同时提高了洗涤效率。这一技术方案的实施，克服了门体结构的限制，实现了洗涤筒在门体关闭状态下的有效转动，是本发明具有突出的实质性特点和显著的进步，满足专利法第22条第3款关于创造性的规定。

综上所述，本发明权利要求1请求保护的具有洗涤筒的门体洗涤机构具备创造性，应被认定为符合专利法第22条第3款的规定。

An illustration of a woman and a man running. The woman on the left has long red hair and a sad expression. The man on the right has short brown hair and a determined expression. Three blue, glowing energy beams connect them: one from the woman's chest to the man's chest, one from her waist to his waist, and one from her hand to his hand. The background is a solid light brown color.

So far, our experience and thoughts

Challenges

1. Better access to open-resources and databases; data security.

2. People's familiarity/habit with and expertise in the work

3. Our initial and continued investment is high

Advantages

1. Improve efficiency

2. Cut cost

3. Accuracy and standard



Enhanced data processing
Enhanced search capacity
Natural language processing
Improved analysis

How AI matches different firms?



Firms: 1. the size, 2. the willingness,
3. IT capacity, 4. Talen and expertise
5. ROI, etc



Factors: 1. Time, 2. money,
3. future



Preparation: 1. Digitalization
2. Systematization

An illustration of a wedding scene. A bride in a long yellow dress and a groom in a white shirt and dark vest stand on a red carpet, embracing. They are flanked by two identical pedestals, each holding a green plant with red ribbons. The background features a light blue sky with white clouds and green bushes with scattered petals. The text "Thank You" is written in a large, orange, sans-serif font across the center of the image.

Thank You



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