

How to Evaluate, Select, and Implement LLM Use Cases

THE ULTIMATE HOW TO GUIDE

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Introduction

Enterprise business leaders are increasingly exploring the potential of Large Language Models (LLMs) to transform their operations, enhance efficiency, and drive innovation.

However, selecting the first use case can be daunting given the myriad of possibilities and considerations involved, including if the use case is even suitable for LLMs or if the required data is easy enough to collect.

This guide provides eight LLM use case examples to help you discover the many possibilities of LLM-powered tasks and the impact they can have on your business with the right technology and strategy. The examples provided are by no means an exhaustive list. The use cases are truly endless.

This paper also offers a structured approach to evaluate and select LLM use cases by focusing on two key dimensions: value and effort. Value is defined by the efficiency gains of the task being completed with the help of LLMs vs without. Effort is the amount of time and resources needed to complete the task with the help of LLMs vs without.

Additionally, we explore the considerations of people and skills, risk, and revenue vs costs on use case prioritization.

And finally, we review implementation best practices and why leading organizations are opting for LLM software platforms to accelerate efficiency gains, enhance outcome accuracy, and support data-driven decision-making.

GETTING STARTED

LLM Use Case Categories and Examples

To get started with LLMs, it's important to understand the categories of LLM use cases and how LLMs can be used to augment enterprise applications and automate business processes.

Knowledge Querying

Using LLMs to extract, retrieve, and query information from large sets of mixed structure and unstructured content.

Most enterprise information is unstructured like contracts, memos, and emails— making it difficult to access and utilize effectively. This limits decision-making and extends processing times.

Traditionally, extracting value from unstructured content required manual schema creation and metadata extraction, followed by further interpretation. This process is time-consuming and inefficient.

LLMs allow organizations to interact with information based on its semantic meaning, bypassing the need for manual metadata.

For example, an LLM can identify and categorize problematic clauses in contracts based on contract size. This capability extends to various business areas, such as call centers, invoices, and emails, unlocking valuable insights from unstructured content and making them accessible through existing systems or chat interfaces.

With an LLM software platform like Vertesia, unstructured information is semantically typed, structured, and enriched with business-specific knowledge, automatically. Vertesia chunks content into semantic parts, enabling tiered analysis and similarity search across complex use cases. This approach simplifies the conversion of unstructured data into actionable insights, solving business problems that were previously unmanageable.

Benefits of a Platform Approach

- Significant time and cost savings
- Extraction of valuable insights from existing information
- Enhanced decision-making and faster processes
- Improved risk management and automated knowledge creation
- Unlocking hidden value from organizational data

Example Use Cases:

- Occurrences Identification of a Problematic Clause
- Supplier Risk Identification
- Financial Audit Preparation
- Product Recall Management

Content Analysis & Reasoning

Using LLMs to process and understand content to derive insights or make decisions.

Information analysis in organizations is often time-consuming, inconsistent, and costly due to the reliance on skilled analysts. While AI can't fully replace human analysts, LLMs can accelerate analysis, improve consistency, and scale operations, allowing analysts to focus on critical tasks that require their expertise.

Traditional enterprise analysis depends on structured data, requiring extensive preprocessing to fit predefined formats. This inflexibility creates information silos, leading to inconsistent data and redundant efforts when new analyses are needed.

LLMs enable the dynamic analysis of raw information without extensive preprocessing. By using structured rules and guidelines, LLMs ensure consistent analysis across large datasets and allow for rapid iteration and adaptation to new inputs.

Leveraging the prior example, after identifying a problematic clause in a contract, an LLM can analyze its risk level using the company's legal policy, providing a detailed compliance assessment. High-risk contracts are flagged for legal review, while low-risk ones are processed accordingly, streamlining the overall workflow. An end-to-end LLM software platform allows enterprises to quickly create robust analysis tasks on both structured and unstructured information and refine prompts that handle both structured and unstructured data.

Vertesia enables the rapid development and refinement of your analysis framework, automates data preparation and supports large-scale execution with error management, extended processing, and retries.

It also enables multi-step analysis by using interim results from initial tasks as inputs for subsequent processes, ensuring thorough content evaluation.

Benefits of a Platform Approach

- Efficient use of skilled analysts
- Scalable, standardized analysis
- Flexibility to adapt to new business needs
- Cost-effective analysis of previously resource-intensive areas

Example Use Cases

- Proposal Evaluation & Scoring
- Large Document Review
- Due Diligence Analysis
- Compliance Analysis
- Legal Discovery and Case Analysis

Generating or Repurposing Content

Using LLMs to create original content, repurpose existing content, or turn unstructured content into a more structured, personalized format.

With 90% of the world's content created in the last two years, the pace of content production is accelerating. Enterprises rely on content to communicate, and much of this content builds on existing materials like meeting notes, emails, and documents. Effective content creation from diverse inputs is essential for empowering employees and engaging customers.

Content creation requires diverse inputs (e.g. ideas, documents, emails) and a clear output structure (e.g., white papers, briefs).

Enterprises often struggle to process these inputs efficiently and produce high-quality content across various formats. Without a well-defined output format, content creation can suffer in speed, quality, and consistency, making the process time-consuming and challenging.

LLMs can generate initial drafts quickly, allowing humans to refine and edit as needed. Often, the draft from an LLM is sufficient, streamlining the content creation process.

For example, after identifying and analyzing problematic clauses in contracts, an LLM can generate a comprehensive report by integrating source content and insights, ensuring a cohesive and informed output. Generating short-form content with LLMs is often straightforward, but creating complex long-form content that integrates multiple inputs is more challenging.

Vertesia addresses these challenges by offering tools that streamline the most complex short and long-form content creation.

Enterprises can easily integrate their inputs, which are optimized for LLMs, specify the output format, and leverage Vertesia's workflow engine and content generation algorithms to produce high-quality content while overcoming LLM token limits.

Benefits of a Platform Approach

- Quickly generate scalable content for publishing or refinement
- Integrate multiple sources for content creation
- Standardize and control input/output formats
- Overcome LLM response token limits

Example Use Cases

- Documentation Generation & Maintenance
- Code Generation for Tooling
- Content Summarization for Marketing
- Personalized Customer Communication
- Training and Educational Materials Creation

HOW TO EVALUATE LLM USE CASES

Value vs Effort Framework

To evaluate and select LLM use cases, you should consider two primary dimensions: value and effort. Let's start with value.

Use Case Value

Value refers to the expected benefits of the use case to your organization. High-value use cases are those that can significantly enhance efficiency, reduce costs, increase revenue, or provide a competitive advantage. Consider the following when assessing value:

Business Impact

How will the use case affect key business metrics such as revenue, costs, and customer satisfaction?

Strategic Alignment

Does the use case align with your organization's strategic goals and priorities?

Competitive Advantage

Will the use case provide a unique advantage over competitors?

Additional Dimensions to Consider

Revenue vs Costs

- Will the use case reduce operational costs?
- Will the use case generate new revenue streams?
- What new costs might be introduced by implementing the use case?

Risks

- What are the potential risks associated with the use case (e.g., technical, operational, financial, reputational)?
- What is the likelihood of these risks materializing?
- What mitigation strategies can be put in place to manage these risks?



Use Case Effort

Effort refers to the ease with which the use case can be implemented. Easy use cases are those that can be developed and deployed with minimal effort and resources. Keep in mind that LLMs can produce incredible results, but only when they are given the right context, prompts, and output schema. Consider the following when assessing effort:

Complexity

How well are LLMs positioned to perform the task given their capabilities and features? What software is needed? **Resource Availability** Do you have the necessary

resources, including people, skills, and budget, to implement the use case?

Time to Market

How quickly can the use case be developed and deployed?

Additional Dimensions to Consider

People

Knowledge

How many people are required Do to develop and maintain the use er case?

Do you need to hire new employees with specific skills?

Training Costs

What are the costs associated with hiring, training, and retaining the necessary talent?

EFFORT	LOW EFFORT																				HIGH EFFORT	
_	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10	
COMPLEXITY, RESOURCES & TIME																						
	NO	NO ADDITIONAL PEOPLE OR TRAINING NEEDED SOME ADDITIONAL PEOPLE OR TRAINING NEEDED MANY ADDITIONAL PEOPLE OR TRAINING NEEDED																				
EOPLE & SKILLS																						
																						TOTAL EFFORT SCORE

If you don't have the right software in place today, potentially all of your use cases could require a lot of effort to get them into production. An LLM software platform, like Vertesia, significantly reduces the amount of effort needed to design, test, deploy, operate, and monitor multiple LLM use cases.

A Real World Example

A leading philanthropic organization receives thousands of grant proposal applications multiple times per year. They rely on a team of volunteers to manually review and score each proposal. This evaluation process takes months, is prone to human errors, and produces inconsistent results.

The organization assessed the expected benefits of automating these tasks and agreed they were high (+8) given the importance of grant evaluation and scoring to the organization's grant funding process. This process however was a critical part of their business making it high risk (-1) but it had the potential to significantly improve operational efficiencies and reduce costs (+1). The organization assessed the amount of effort required to complete these tasks manually vs if they were automated by LLMs. By leveraging an LLM software platform with integrated tooling to support the use case, the effort would be dramatically reduced (-9) and there would be minimal training required (+0.5).



GET YOUR LLM PROJECTS INTO PRODUCTION How to Implement LLM Use Cases

Now that you've evaluated and selected your LLM use cases, it's time to deliver efficiency gains, lower costs, and improve business operations. An end-to-end LLM software platform can effectively deliver on use case objectives and maximize ROI.

Use an LLM Software Platform

While LLM application development frameworks offer tools for building applications, LLM software platforms are better suited for large organizations.

END-TO-END

An LLM software platform offers comprehensive capabilities and support for the entire enterprise LLM lifecycle. From ideation and experimentation to prompt design, task configuration, testing, monitoring, and optimization. A platform helps prevent vendor and model lock-in by avoiding hard-coding prompts and LLMs and provides the flexibility to easily switch between inference providers and models.

ENTERPRISE-READY

A platform has the architecture to support multiple teams, use cases, LLMs, inference providers, and more all within one UI. Governance, security, orchestration, virtualization, fine-tuning, workflows, semantic RAG, multiple integration and deployment options, collaboration, analytics, and monitoring are standard in LLM software platforms like Vertesia.

LLM software platforms enable organizations to streamline the GenAl development process, allowing them to move more quickly, build on successes, correct failures, reuse results, and broaden how and where GenAl can be implemented.

Benefits of an LLM Software Platform

Analyst research firm, IDC, recommends that organizations quickly identify, procure, and deploy technologies that improve the efficacy, speed, repeatability, control, cost, and use of GenAl¹. LLM software platforms remain an essential puzzle piece to help organizations think beyond just the model, including helping deliver:

Expanded GenAl use case and user reach

LLM software platforms enable organizations to streamline the GenAl development process, allowing them to move more quickly, build on successes, correct failures, reuse results, and broaden how and where GenAl can be implemented.

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LLM software platforms allow organizations to **target multiple use cases in parallel**, reducing the need to serialize each use case individually while providing a seamless UI and UX that reduces the need for users to understand the nuances of today's disjointed AI ecosystem's tooling.



Matt Arcaro DIRECTOR, COMPUTER VISION & AI IDC As organizations move through the continuum of deploying GenAl across more and more use cases, they will need to integrate and utilize critical, often sensitive, data sources.

Comprehensive data privacy and security compliance, auditing, and data controls

LLM software platforms have designed sufficient guard rails, data controls, and auditing capabilities to ensure **an organization can limit and manage how and where their data is being used**, maintain adequate access control, and perform version control.

Embedded life-cycle monitoring and management capabilities

Organizations spend so much time building, testing, validating, and deploying their Alpowered solutions that anything else becomes an afterthought. LLM software platforms give organizations vital visibility into their solutions, offering **real-time performance insights**, **recommended optimizations**, and the ability to implement updates remotely.

1. "Moving Beyond the Model to Maximize the Effectiveness & Reach of GenAl Deployments," written by: Matt Arcaro, Director of Computer Vision and Al at IDC. Published July 2024.

Tooling to build complex workflows that include the extension and integration of third-party data sources

GenAl applications are only as effective as their ability to access and integrate sufficient relevant contextual information and data.

LLM software platforms can **unify and** optimize the relationship between structured and unstructured data sources and LLMs across various documents, chatbots, and emerging assistant/agent use cases.

These platforms include capabilities that help with indexing/vectorization, retrievalaugmented generation (RAG), and usage within a workflow pipeline.

Seamless future proofing to accelerate the incorporation of new models and capabilities

GenAl model providers (OpenAl, Cohere, IBM, etc.) continuously release new models with improved accuracy, efficiency, coherence, and applicability to additional use cases. Organizations should be able to leverage these new models without considerable refactoring, retraining, or constant reconfiguration.

LLM software platforms are designed to ensure that **customers have the flexibility to adapt to new and emerging capabilities and models** in a lightweight, often zero-touch way.

Improved solution accuracy and coherence across varying models and providers

Organizations pursuing GenAl often follow the pathway of going deep into (i.e., fine-tuning) a single model or utilizing a multimodel and/or provider approach.

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LLM software platforms help organizations streamline the creation of training data sets, benchmarking model performance, normalizing prompt formats across models, **creating complex orchestration pipelines**, **seamlessly transitioning to new foundation models, and monitoring solution performance** to helping with cost and access controls.



Matt Arcaro DIRECTOR, COMPUTER VISION & AI IDC

LLM software platforms are outcome oriented to help organizations build GenAl applications that maximize their business requirements and objectives.

ANALYST RECOMMENDATIONS How to Evaluate LLM Software Platforms

Organizations researching, experimenting with, or pursuing LLM software platforms need to recognize that the nascency of the GenAl technology ecosystem and pace of innovation create a platform ecosystem that spans a wide range of capabilities, business models, and product offerings. In this way, not all platforms are created equal.

IDC has identified several strategic and technological attributes that organizations should consider when pursuing an LLM software platform¹. These attributes include:

- Broad ecosystem technology support, including integrating multiple open source and proprietary LLMs and providers
- Highly tunable model orchestration strategies, including support for synthetic LLMs
- Sandboxing capabilities that enable the ability to experiment, validate, and productize LLM-enabled solutions and applications quickly

- Multi-persona (i.e., business analyst, prompt engineer, developer, product owner) tooling to enable collaboration across user bases
- End-to-end governance, including support for auditability, monitoring, cost, and change management
- Progressive technology development strategy that includes a well-thought-out road map of features

^{1. &}quot;Moving Beyond the Model to Maximize the Effectiveness & Reach of GenAl Deployments," written by: Matt Arcaro, Director of Computer Vision and Al at IDC. Published July 2024.

The 6 Steps to Evaluate, Select and Implement LLM Use Cases

1. Identify Potential Use Cases

Brainstorm, list, and categorize all potential LLM use cases relevant to your organization. Collaborate with different departments and teams to compile a list of requests.

2. Assess Value

Evaluate the potential efficiency gains if each task in the use case reaches 100% completion by LLMs. What about 80%? 60%? 40%? Consider strategic alignment and competitive advantages. Assess the risks associated with each use case and analyze the revenue vs cost implications.

3. Assess Effort

Model the approach to deliver on the objective. Score the suitability for an LLM: Is it content compression or expansion? How complex is the reasoning? Evaluate resource availability and time to market. Evaluate if you have the infrastructure in place to follow the suggested approach and if you have the people and skills readily available.

4. Prioritize the Best Use Cases

Plot use cases on a value vs effort graph. Prioritize the "high-value, low-effort" use cases (no brainers). Consider "low-effort, low-value" and "high-effort, high-value" use cases for future implementations. Put a pin in the "high-effort, low-value" use cases for now, but revisit them after you've deployed higher value use cases.

5. Select & Validate Use Cases

Select the top-priority use cases and validate the selection with key stakeholders to refine as necessary.

6. Leverage an LLM Software Platform for Implementation

Maximize the effectiveness of your GenAl development efforts to enable performance improvements, solution flexibility, cost management, third-party data usage and integration, and life-cycle management capabilities.

Organizations have realized that the potential value of GenAl is too big to ignore yet the challenges of deploying LLM use cases have left many teams stuck in experimentation. Luckily, you have this guide. By using the evaluation framework and scoring template provided, you can easily evaluate and select LLM use cases. And with an LLM software platform like Vertesia, you can deploy LLM use cases in days instead of weeks or months.

To learn more about Vertesia, visit vertesiahq.com and schedule a free, one-hour workshop with one of our LLM experts where you'll show you how easy it is to build and deploy your first LLM use case.

Appendix

The following section contains a blank use case scoring template you can print out and seven additional use case examples that are well suited for LLMs.

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HOW TO EVALUATE LLM USE CASES

LLM Use Case Scoring Template

Use Case:



A REAL LIFE EXAMPLE Documentation Generation & Maintenance

A leading software company had acquired several SaaS companies and found itself grappling with disjointed and inconsistent technical documentation. Each acquired company had its own documentation practices, leading to a fragmented ecosystem of product manuals, user guides, and support materials. As a result, users struggled to find the correct information, leading to a spike in support tickets. Meanwhile, the internal documentation team was overwhelmed, struggling to keep pace with frequent product updates, which led to frustration and burnout.

Challenges & Pain

- Each acquired company had its own style, format, and approach to documentation, resulting in a lack of uniformity across the company's documentation assets.
- Users had difficulty navigating the documentation, often encountering outdated or conflicting information.
- The disjointed documentation led to a higher volume of support tickets as users were unable to find the answers they needed on their own. This increased the workload on the support team, leading to delays in resolving customer issues.

- The documentation team was burdened by the sheer volume of content that needed to be updated and maintained.
- The frequent release of product updates further exacerbated the issue, as the team struggled to keep up with the demand, leading to frustration and burnout.

The organization evaluated the use case using the Effort vs Value scoring criteria and determined that while the value was fairly high, the amount of effort required to complete these tasks without an LLM software platform was significant.

Use Case Scoring

Value: +7

The expected benefits were high (+8) but the risk was medium (-0.5) and the cost implications were medium (-0.5).

Initial Effort: +7.5

These were fairly complex tasks (+7) that required some additional skills (+0.5) to build and maintain the processes.

A PLATFORM APPROACH Documentation Generation & Maintenance

The company needed a structured approach to manage and maintain technical documentation. An LLM software platform was selected to unify and streamline the company's documentation across all acquired SaaS products to ensure that all documentation was consistent, up-to-date, and easily accessible to users, while also reducing the workload on the documentation team.

Content Structuring and Storage

The platform structures and stores source data in a modular and hierarchical manner. Each module or component of the system can have its corresponding documentation source, linked directly to the relevant codebase or process description. An LLM then analyzes and categorizes content based on its semantic meaning, allowing the platform to tag and organize documentation components for easy retrieval and update.

Linking with Changesets

The platform integrates directly with Version Control Systems (VCSs) to monitor changesets. When a changeset is detected (e.g., code changes, process updates), the platform triggers an analysis to determine which parts of the documentation may be impacted.

Iterative Content Generation

Using one or more LLMs, the platform assesses the extent and nature of changes, identifying relevant sections of the documentation that need updating or revision. Then, an LLM generates a draft of the required documentation updates based on the changeset analysis. This draft might include new content, revisions, or annotations suggesting areas for review.

Validation of Output

The platform iteratively refines the proposed documentation by continuously reviewing changes, integrating feedback, and ensuring alignment with the project's documentation standards and style guides. The platform also supports collaborative editing, allowing team members to review, comment, and approve changes before finalizing the documentation update.

The platform performs automatic checks on the generated documentation, verifying consistency, completeness, and adherence to predefined style and format rules. For critical documentation, the platform facilitates manual reviews by subject matter experts. The platform also incorporates feedback from manual reviews into its learning model, enhancing future automated updates.

SOLUTION Documentation Generation & Maintenance

The company selected an LLM software platform because it offered a scalable, efficient solution to their documentation challenges. The key benefits that drove their decision included:

Scalability

The platform can easily handle the growing volume of documentation as the company continues to expand its product offerings.

Consistency

The LLM platform ensured that all documentation was uniform, eliminating the inconsistencies that plagued the company's previous efforts.

Improved Collaboration

By integrating with VCSs and offering collaboration tools, the platform facilitates better coordination among teams, ensuring that documentation updates are reviewed and approved efficiently.

Efficiency

By automating large portions of the documentation process, the platform significantly reduced the workload on the documentation team, alleviating burnout and allowing them to focus on more strategic tasks.

Improved User Experience

With accurate, up-to-date documentation readily available, users could find the information they needed without resorting to support tickets, leading to higher customer satisfaction.

Revised Effort Score with an LLM Software Platform

Effort: -4

By leveraging the LLM software platform with integrated tooling to support the use case, the complexity, resource requirements, and time was dramatically reduced (-3) and no additional people or skills were needed (-1).

USE CASE SCORE Documentation Generation & Maintenance



Figure 2

Value vs Effort graph for the documentation and generation use case showing the use case score with and without an LLM software platform.

RESULTS

Documentation Generation & Maintenance

Reduction in Support Tickets

The company saw a significant decrease in the number of support tickets, as users were able to find accurate information in the updated documentation. This led to faster resolution times for the remaining tickets and improved overall customer satisfaction.

Scalability & Future-Proofing

The company's documentation processes were now scalable, allowing them to easily incorporate new acquisitions and product updates without overwhelming the documentation team. • **Consistent and Accurate Documentation** The platform ensured that all documentation was consistent across products, reducing user confusion and enhancing the overall user experience.

Increased Documentation Team Productivity

The documentation team's workload was drastically reduced, allowing them to focus on high-value tasks such as strategic content planning and quality assurance. Team morale improved, and burnout was reduced.

Conclusion

In summary, the LLM software platform transformed the company's documentation process, delivering substantial business value and reducing the effort required to maintain high-quality, consistent, and up-to-date technical documentation.

KNOWLEDGE QUERYING Occurrences Identification of a Problematic Clause

Context

Lots of important documents, such as contracts or laws, are divided into pieces, whether they are called clauses or chapters or articles.

Challenges & Pain

An organization may have identified a problematic clause: for example one that puts the company at risk in customer contracts.

A decision is made to identify all related legacy contracts in order to properly anticipate associated risk.

However, finding all occurrences of such a clause in legacy contracts may be difficult, since the clause may have been slightly modified or even translated in several languages.

Platform Approach

Ingest contracts after having turned on chunking. Similarity is automatically calculated for all clauses (of chunked contracts).

Select the problematic clause in a given contract, then look at the "Similar" tab to see similar clauses, and their parent contract. Filter by region/segment/product, and get the acceptable ranges for each based on actual history.

Key Benefits

- Significant time and energy savings
- Improve risk management
- Potential automation of risk management (i.e. automated detection of new occurrence of a problematic clause)

CONTENT ANALYSIS & REASONING Large Document Review

Context

Organizations need to review documents and check compliance with policies, standards and regulatory frameworks, whether those documents are internal or come from a supplier.

Challenges & Pain

Many teams are overloaded with reviewing activities and most of them wouldn't consider re-validating the compliance of hundreds or thousands of legacy contracts with the company's latest terms and conditions due to the tedious nature of the work.

Platform Approach

Submit any kind of document to be reviewed (e.g. contract, project plan, product specification) as well as a specific set of rules (e.g. policy, standard, guidelines)

Ask for a review returning both structured data, such as: "is compliant?", "noncompliance issues"; and unstructured data, such as a "remediation plan" for each issue

Key Benefits

- Easily process large volumes of documents that would not be processed at all otherwise
- Perform objective reviews
- Improve employee productivity by pointing collaborators directly to the parts of the document that need attention
- Detect and reduce risks
- Optimize routing based on early analysis (for example: dispatch to the right team based on the severity/type of comment)

CONTENT ANALYSIS & REASONING Contract Liabilities Monitoring

CONTEXT

Organizations are bound by law and contracts they sign both internally and externally, with suppliers, partners and customers.

CHALLENGE & PAIN

Liabilities are not always formalized or captured in a way that makes it easy for operations to take them into account. Forgetting them may result in significant penalties.



PLATFORM APPROACH

Contracts are chunked into clauses. Both clauses and the main contracts have embeddings created and contextual metadata generated.

The platform regularly monitors a set of risks based on a guideline created by the business. Using semantic RAG, the platform automatically queries the specific contracts using structured identifiers generated by the LLM.

The system is able to identify relevant clauses (e.g. Indemnification) using vector search for the subset of contracts using the correct policy rules, and verifies that the indemnification range is within what has been accepted by the guideline and decides to flag the contract for review if issues are detected.

- Better management of liabilities, with less breaches and crises
- Significant reduction in risk
- Improved brand image

GENERATING CONTENT Code Generation for Tooling

CONTEXT

The IT department always needs to perform a lot of administrative actions on both digital and physical assets, such as software, personal computers, servers, storage systems, network elements, and more.

CHALLENGE & PAIN

Automating IT tasks is critical and increases the need for writing automation scripts, for instance in PowerShell. These may be complex, long, too numerous or any combination of these factors. Scripts must also be updated regularly, resulting in increased IT workloads.

PLATFORM APPROACH

Automate PowerShell script generation to express the requirement in a functional way. Get corresponding scripts generated and select the most suitable LLM for the task.

- Decreased IT staff workload
- Increased IT productivity
- Better service to employees & stakeholders with more personalized service



CONTENT ANALYSIS & REASONING + CONTENT GENERATION Earnings Call Transcript Analysis

CONTEXT

Publicly traded companies must communicate their financial results on a regular basis, typically quarterly. This is an Earnings Call, which results in an Earnings Call Transcript.

CHALLENGE & PAIN

Financial analysts spend hundreds of hours reading and summarizing these transcripts for sometimes thousands of companies. This is a massive investment of time which prevents the analysts from focusing on more valuable activities.

PLATFORM APPROACH

The platform automatically categorizes the document type (e.g. transcript, financial data sheet), extracts metadata (e.g. company, fiscal year, quarter, sentiment), and then generates a quarterly transcript summary with an extraction of the main topics and key financial metrics. An annual synthesis is then generated based on the quarterly summaries, and finally a year-over-year (YoY) analysis is generated, with identification of dynamics (trends YTD/QoQ/YoY in revenues, operational margin, customer churn, etc.).

- Instant processing, homogeneity of produced results and more sophisticated analysis
- Content analysis and subsequent content generation are efficiently articulated to constitute a full process
- Time savings can be spent on value added tasks

CONTENT ANALYSIS & REASONING + CONTENT GENERATION Transmittal Documents Analysis

CONTEXT

Engineering companies in various industries typically manage projects that involve several teams, including suppliers and partners. This implies receiving a well defined set of documents called "transmittals" for each project phase.

CHALLENGE & PAIN

Transmittals may be huge and contain tens if not hundreds of documents. Document Controllers spend countless hours checking completeness and accuracy of submitted documents, as well as properly classifying them and managing subsequent comments & revisions.

PLATFORM APPROACH

The platform automatically categorizes and classifies the documents, checks for completeness, generates summaries, and highlights specific areas of risk.

- Decrease the volume of tedious tasks
- Faster document processing and reduced project delays
- Time savings can be spent on more valuable tasks

