

Personalizing Content, Immersing Audiences, and Streamlining Operations



Media and Entertainment in 2025

The battle for audience attention has never been fiercer. Consumers are being bombarded by an ever-expanding universe of content that's making it incredibly difficult for media companies to capture and retain their hard-earned audiences. And with so many options out there, it's no surprise nearly half of consumers plan to cancel a streaming platform subscription in 2025.¹

With subscription fatigue rising, ad revenues under fire, and production costs escalating, the industry faces a trifecta of challenges: increasing urgency to find new revenue streams, growing pressure to cut costs, and the need to adapt to meet ever-changing consumer demands. Yet, at the same time, artificial intelligence is making its presence felt across the industry. The media and entertainment sector is expected to quadruple its investment in Al by 2030,² firmly placing this technology at the center of how content will be created, distributed, and monetized in years to come.

Broadcasters are already using Al-driven analytics to enhance live sport experiences, delivering real-time insights, automated highlights, and personalized viewing options. Streaming and digital platforms are harnessing Al, too, for hyper-personalization, real-time content recommendations, and optimized ad placements. Elsewhere, generative Al is poised to transform production, automating workflows and enabling Al-generated storytelling – spanning everything from deepfake dubbing to scriptwriting.

The challenge for media and entertainment executives, then, is two-fold: with so many use cases for this technology on the horizon, where should Al investments be made in 2025 to maintain their competitive edge and drive future growth? And crucially, how?

Opportunities on the Horizon for Entertainment and Media in 2025

- Al-powered content curation and personalization: As audiences grow fatigued with generic content recommendations, Al-driven personalization offers a way to improve engagement and retention. By leveraging real-time data and advanced machine learning models, companies can dynamically tailor content to individual preferences, increasing watch time and reducing churn. Additionally, Al-powered content moderation will ensure a balance between automation and human oversight, maintaining brand safety and compliance.
- Interactive and immersive media experiences: AR, VR, and Al-generated content are creating opportunities to deepen audience engagement. Al-powered interactivity enables personalized storytelling where users can influence the narrative. Cloudbased Al infrastructure allows for seamless content delivery at scale, while real-time security monitoring ensures a safe and immersive user experience.
- Operational efficiencies and cost takeout: Media and entertainment companies must reduce operational complexity while maintaining high-quality content production. Aldriven automation helps streamline workflows, from content licensing to automated editing and localization. Modernizing legacy applications will enable seamless Aladoption, while embracing cloud-based infrastructure will allow companies to scale their production capabilities without major capital investment, optimizing costs and accelerating time-to-market.



In an industry where Al-driven competitors are already rewriting the rules of engagement, success will belong to those who invest in the right strategic priorities. In the months to come, this will involve embedding Al at the core of content discovery, audience engagement, and digital workflows.

Let's look at how media and entertainment companies can leverage the technological building blocks of Al-first digital transformation to help unlock new revenues, strengthen audience loyalty, and future-proof their operations.

Al-Powered Content Curation and Personalization

Streaming platforms, music services, and news aggregators already rely on Al-driven personalization to cut through the noise and deliver relevant content to the right user, at the right moment, on the right device. This capability has a big impact on retention and monetization. But the sophistication of Al-powered content curation can extend far beyond the current implementation of it.

Adaptive Al models can continuously refine recommendations based on real-time engagement signals, learning from user interactions, preferences, and evolving trends. This is vital in an era where audience loyalty is fragile, and competition for attention is relentless.

Beyond personalization, Al-powered content moderation is becoming a strategic necessity, ensuring that media platforms uphold brand safety, regulatory compliance, and content integrity. Al-based tools can detect misinformation, filter harmful or inappropriate content, and flag potential compliance issues before they reach audiences. This is especially critical for user-generated content platforms, live streaming services, and global media networks that must operate across different legal and cultural landscapes.

Focusing efforts on the following building blocks will help industry leaders integrate Al more deeply into content strategies:

Data and analytics: Al-powered personalization requires a strong foundation of audience data aggregation, real-time behavioral analysis, and predictive modeling to generate highly relevant content recommendations. Media companies must integrate Al-driven insights across multiple platforms, from streaming services to digital news feeds, ensuring a seamless and unified user experience.

Digital operations: Al-driven content curation enhances media workflow efficiency by automating metadata tagging, dynamic categorization, and multi-platform content distribution. This reduces reliance on manual processes, accelerates content deployment, and allows editorial teams to focus on strategic storytelling and audience engagement.

Digital chemistry: All enhances and significantly optimizes the content moderation process by detecting harmful content, misinformation, and compliance risks in real time. However, human oversight is still important for contextual decision-making. By pairing human content moderation expertise with Al capabilities, media organizations can balance automation with ethical responsibility while unlocking operational efficiencies.



Interactive and Immersive Media Experiences

The rise of AR, VR, and Al-generated content is redefining how audiences interact with entertainment, creating opportunities for deeper personalization and immersive storytelling that will enhance user engagement and retention.

Al-powered interactivity enables adaptive storytelling, where content dynamically evolves based on user input, creating more engaging and participatory experiences. In gaming and virtual concerts, Al-driven avatars and real-time rendering enhance realism and engagement, offering highly personalized interactions. For example, Al-generated virtual hosts in sports broadcasting can provide tailored commentary and insights

based on viewer preferences, creating a more engaging experience. Beyond the entertainment value, Al is enabling new monetization models by integrating dynamic advertising into immersive environments through Al-driven product placements, real-time virtual ad insertion, and predictive audience targeting.

Yet capitalizing on these opportunities must be balanced with growing concerns around security and authenticity. Algenerated deepfakes and virtual influencers challenge traditional content credibility, making real-time monitoring and digital identity verification essential to maintaining trust.

To set the stage for unlocking the potential of immersive media experiences in 2025 and beyond, media and entertainment companies should focus on the following:

Data and analytics: Al-driven immersive experiences require continuous analysis of user behavior, interaction patterns, and engagement metrics to create adaptive and dynamic content. By leveraging real-time data, media companies can fine-tune virtual experiences, predict audience preferences, and optimize content delivery for maximum impact.

Cloud infrastructure: Delivering high-fidelity immersive experiences, such as real-time AR and VR interactions, demands vast computational resources and low-latency processing. Cloud-based Al solutions enable scalable content rendering, adaptive streaming, and responsive interactions, ensuring seamless audience engagement across devices.

Cybersecurity: As Al-generated content becomes more prevalent in media, ensuring authenticity and security is paramount. Media companies must deploy Al-powered detection tools to prevent deepfake misuse, implement blockchain-based content verification, and establish safeguards against data manipulation and cyber threats.



Operational Efficiencies and Cost Optimization

From automating repetitive tasks to optimizing content workflows, Al is enabling organizations to operate with greater agility and efficiency.

Al-driven automation is transforming media supply chains by automating content licensing, metadata tagging, video editing, and localization, significantly reducing manual effort and turnaround time. Al-powered transcription and translation services are also improving accessibility, allowing companies to reach broader global audiences with minimal cost. Additionally, Al is playing a critical role in predictive analytics for demand forecasting. By analyzing viewer behavior at scale, for

example, media companies can better anticipate content trends, optimize scheduling, and maximize ad inventory utilization. The data-driven decisionmaking this unlocks supports effective allocation of production budgets to capitalize on audience demand.

Al is also modernizing post-production workflows, accelerating processes such as Al-assisted video editing, CGl rendering, and voice cloning to streamline content creation. These innovations reduce production costs and improve turnaround times, allowing media and entertainment brands to produce high-quality content faster and more efficiently.

Leveraging AI in this regard will require investment in the following key areas:

Cloud infrastructure: Cloud-enabled Al solutions provide media companies with flexible storage, compute power, and scalable resources to support growing content demands. By leveraging distributed cloud networks, organizations can optimize media workflows, manage peak traffic loads, and maintain high availability without excessive capital expenditure.

Application modernization: Many media enterprises still operate on legacy infrastructures that hinder Al adoption. Upgrading to Al-native platforms enables seamless content automation, accelerates data processing, and integrates advanced analytics, positioning companies to leverage Al-driven efficiencies without being constrained by outdated systems.

Digital operations: Automating media workflows through Al-powered tools accelerates video editing, content localization, and media asset management, reducing operational bottlenecks. By eliminating redundant tasks, Al-driven automation enhances productivity, minimizes human error, and ensures consistent content quality at scale.





Seizing the Al Advantage: The Future of Media and Entertainment

At a time when traditional media companies must now compete not just with each other but with Al-native platforms that are redefining content discovery and engagement, the ability to harness Al-driven insights and automation will separate industry leaders from those struggling to keep pace. Al-first transformation offers media organizations the opportunity to drive new revenue streams, improve operational efficiency, and deliver unprecedented levels of engagement. However, success will depend on the ability to build a strong data and analytics foundation, modernize legacy infrastructures, and implement Al responsibly.

Now is the time for media executives to take decisive action. By investing in Al-first strategies and aligning technology with audience expectations, companies can navigate disruption, maintain market leadership, and reimagine the future of entertainment.

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