

Radio Broadcasting Trends: A Case Study of Broadcast Content Distribution Platforms

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Abstract

The media world, including the radio broadcasting industry, has undergone a major transformation as a result of advances in digital technology. This study looks at how radios in Indonesia are responding to the changes with a focus on broadcast content distribution platforms. The research utilises a qualitative approach, collecting data through participatory observation and in-depth interviews. In addition, case studies conducted on several radio stations showed a variety of approaches used, including social media integration, more interactive content creation, and streaming platforms. The research shows that radio in Indonesia is actively adapting to the digital age to remain relevant.

Keywords: Radio Broadcasting, Digital Platform, Digital Content, Content Distribution

INTRODUCTION

With the advent of digital technology, the media landscape has been significantly altered, including the radio broadcasting industry. (Harliantara, 2024) Listeners can now access radio broadcasts through various digital platforms such as streaming apps, podcasts, and social media. The emergence of these digital platforms has also opened up new opportunities for radio. (Astuti & Harliantara, 2021) Nowadays there is often some use of mobile technology in radio and talk about ways for broadcasters to increase listener engagement and, as a consequence, increase the number of listeners by using participatory experiences on the part of listeners. (Rosales, 2013) Changes in listener behaviour, including an increased preference for on-demand content, the use of mobile devices as the primary medium for listening to radio, and increased expectations for audio quality and interactivity, are some of the key issues behind this research.

With the advent of the Internet, officially known as the Internet of Media Things (IoMT) is a new paradigm that ensures interoperability among media-centric applications and services designed and used for the interpretation, representation, or analysis of multimedia content collected by media devices such as cameras or microphones. (Allouche et

al., 2021) Long-established traditional producers have been challenged by competition from new emerging platforms. However, it remains unclear how these two groups, competing but interdependent, may interact in the new platform-based ecosystem. (Cozzolino et al., 2021) An additional factor is competition with other digital platforms, such as the rise of music streaming platforms and podcasts that offer similar content and compete for the attention of an increasingly fragmented audience.

Business models in the digital era are changing, the evolution of information and commercial discourse used by the media continues to seek breakthroughs to overcome obstacles in the implementation of new business models. (Monsalve-Alama et al., 2023) As business models change, advertising in conventional media has decreased, so they have to find new ways to make money, such as cooperating with other online platforms.

In today's age of computers and the internet, the adoption of these changes is crucial. There are 21st-century challenges in adopting new content distribution technologies and the need to spend money on infrastructure and human resources. (Ajisafe, Ibikunle Olayiwola and Dada, 2023) The development of innovative products requires a lot of effort for companies. Creating the right development strategy, climate,

protecting resources, and preparing the launch system are key challenges. The uncertainties and risks that accompany innovation require the use of methods and tools to make the designed innovation work and guarantee success. Innovation is critical to technological progress and has many theories to explain its process. Organised competition has been empirically shown to provide alternative pathways for innovation within an industry, increasing the level of innovation and radicality. (Jensen, 2021) The government should amend broadcasting laws to keep pace with technological advances, and should also create policies that support the growth and innovation of the radio industry..

As a broadcasting medium, radio has advantages in terms of ease and convenience of consumption. In today's digital age, technological convergence has enabled radios to broadcast their programmes through digital platforms such as live streaming and podcasts. (Zhang et al., 2024) This research focuses on how radio stations in Indonesia adapt and utilise digital platforms to distribute their broadcast content.

In this case, digital platforms such as websites, apps, and social media are becoming new means for radio stations to interact with listeners. Previous research has mapped out various practices undertaken by radio stations, such as the use of live streaming and integration with social media.

The main objective of the research "Radio Broadcasting Trends: A Case Study of Broadcast Content Distribution Platforms in Indonesia" is to understand in depth how the development of digital technology, particularly in terms of content distribution platforms, has changed the landscape of radio broadcasting in Indonesia. Indonesian listeners have changed the way they consume radio content due to digital content distribution platforms, and how are radio stations using strategies to stay relevant in the digital era and what are the main trends in radio content dissemination in Indonesia? It is hoped that this research will help to enhance the literature on media and communication studies, particularly in the context of digital technology development.

LITERATURE REVIEW

Relevant previous studies are about how listener behaviour changes, how radio listening preferences and habits change with the development of technology. The research reviewed shows that receiving high-quality listening increases mental safety and open-mindedness, allowing people to consider perspectives that they would not have previously considered. (Parks et al., 2024) In relation to content distribution platforms, the role of platforms in the creator economy is to use a review approach that utilises insights from various literatures on platforms and stakeholders in the creator economy. (Bleier et al., 2024) How to adapt to the changing media landscape in many sectors including radio. If we are to achieve effective digital transformation in our neighbourhoods, we need to understand the interaction between social determinants and emerging neighbourhood technologies. (Rogelj et al., 2022) So in this case the determinants of radio are what is popularly used by radio in Indonesia and how effective it is. Meanwhile, the impact of

digitalisation on radio business models is mentioned (Boffa & Maffei, 2024) It is necessary to develop a holistic framework that can serve as a blueprint for practitioners who want to adopt digital technologies in their production environment. This holistic approach aims to support practitioners in understanding the business process model triggered by digital technology and then aligning business strategy with its components. The challenges faced by radio in the digital age, as well as the new opportunities that arise. (Raihan, 2024) mentioned the need to identify prospects for interconnection and sustainable technology solutions, the use of big data analytics for consumer empowerment and value creation along with the application of circular economy principles, the promotion of sustainable consumption, and the adoption of socially responsible business models.

The theoretical framework will provide a strong foundation for the research, there are several relevant theories, namely media convergence theory, usage and satisfaction theory, innovation diffusion theory, and media economic theory.

Convergence theory

This theory explains how different media (print, broadcast, digital) are increasingly converging and complementing each other. In the context of radio, this theory explains how conventional radio integrates with digital platforms. (Sompie et al., 2024) Media convergence in the context of radio broadcasting refers to the fusion and integration of digital platforms into conventional radio operations. Convergence allows radio to expand its broadcasting coverage through digital channels such as websites, apps, and social media, thereby reaching a wider audience. (Harliantara et al., 2024) This convergence process is also driving changes in the production and distribution of radio broadcast content. Radio now not only broadcasts audio content but also seeks to deliver content that is more interactive and connects with audiences through digital platforms. (Harliantara, 2024)

Usage and Satisfaction Theory

This theory focuses on how individuals choose and use media to fulfil their needs and satisfaction. It can be used to analyse why listeners choose a particular platform to listen to radio. It is also a relevant approach in understanding radio audience behaviour in the digital age. This theory focuses on how audiences actively select and use media to fulfil their needs and satisfaction. With the advent of digital distribution platforms, radio audiences now have more choice and control in accessing broadcast content. Audiences can choose to listen to live radio broadcasts, utilise podcast features to listen to on-demand content, or interact with radio stations via social media. Now increasingly geared towards streaming, the broadcast value chain relies on content delivery networks (CDNs) to reach audiences. CDNs are critical to content quality, as they are part of the chain that stores and transmits data from broadcasters to end users. (Sjøvaag et al., 2024)

Innovation Diffusion Theory

This theory explains how new innovations (in this case, digital distribution platforms) spread in society. It can be used to analyse the factors that influence the adoption of new

technologies by radio stations and listeners. In addition, the diffusion of innovation theory can also be used to look at how radio stations adopt and implement new digital distribution platforms. And one of the main drivers of social media influence is the easy way to generate information flow through message forwarding. The two basic modes of information forwarding consist of sharing it without changes (lean-back) or adding or modifying the content of the original message (lean-forward). (Flores & Hilbert, 2023) This theory explains how an innovation is communicated through various channels and adopted in a social system. In the context of radio broadcasting, digital technology innovation can be seen as a breakthrough that requires a process of adaptation and adoption by radio stations to be accepted and utilised optimally by the audience.

Media Economic Theory

This theory addresses the economic aspects of the media industry, such as business models, competition and regulation. It can be used to analyse the impact of digitalisation on radio business models. Finally, media economics theory also plays a role in understanding the dynamics of the radio broadcasting industry in the digital era. Media convergence and the advent of digital distribution platforms have brought about changes in the business model and value chain of the radio broadcasting industry. Aspects of ownership, business opportunities and financing strategies have come into focus in media economic theory. On the one hand, users and content providers, and on the other, streaming providers and device and software makers. Neither actor in the network can exercise complete control, but users and content creators are seen as particularly vulnerable. Streaming providers and device and software makers can manoeuvre within the network to strengthen their relative position. (Colbjørnsen, 2021)

In addition to the above theories, some important concepts in this research are digital distribution platforms, namely streaming apps, podcasts, social media, and radio websites. User experience is how listeners interact with digital platforms and how satisfied they are with the experience. Personalisation is how radio can provide a more personalised experience to listeners through data and algorithms. Monetisation is how radio can generate revenue in the digital age, for example through advertising, subscriptions, or merchandise. Content quality is how the quality of radio content influences listeners' choices. And Interactivity is how radio can increase interaction with listeners through digital features.

RESEARCH METHOD

This study utilises a qualitative case study methodology. Data was collected through in-depth interviews with radio station management and creative teams, participatory observation of several radio stations in Indonesia, and examination of documentation of reports, articles and related literature. For data validation, triangulation of sources and methods was used. The process of data reduction, data presentation, and conclusion drawing is an inductive way of analysing data.

RESULTS AND DISCUSSION

Changes in listener behaviour

The rise of digital media has had a significant impact on the radio industry, with listeners increasingly turning to alternative platforms for their audio content. Audio streaming services such as Spotify and Apple Music offer on-demand access to music and podcasts, providing a more personalised and dynamic listening experience than traditional radio. These services use social features, extensive catalogues and recommendation algorithms to cater to the evolving preferences of listeners, who now have more control over their audio consumption. Along with the economic and technological development in Indonesia, one of the innovations in the field of social media commerce has successfully attracted the attention of Indonesian consumers. (Zhang et al., 2024)

While traditional radio still has its place in providing real-time news, entertainment and a sense of community, the growing popularity of on-demand audio platforms is challenging radio broadcasters. Listeners now have the ability to curate their own playlists, discover new artists, and access a wide variety of content at their own pace, reducing their dependence on radio stations' linear programmes. (Duffett, 2017) This shift in listener behaviour has led radio broadcasters to adjust their strategies, looking for ways to integrate digital technology and offer a more interactive and personalised experience to retain their listeners. Case studies conducted on several radio stations in Indonesia show various ways to utilise digital distribution platforms to broadcast their content. Almost all radio stations in Indonesia have websites that function as digital platforms where they can publish their information and broadcast content. These websites can not only be used to display information about the radio station, but can also be used to broadcast live streaming audio content and upload podcast content. Also explained (Nissen et al., 2024) that websites consider visual stimuli that have a significant impact on user behaviour. Content presentation and visualisation of different forms of content creation for the needs of different user groups for information and business websites. (Nowakowski, 2021)



Figure 1: Some Radio Websites in Surabaya Source: Processed by Researcher, from Internet Access October 18, 2024

Some radio stations have developed mobile applications in addition to websites to make it easier for audiences to access broadcast content. These apps allow listeners to download podcasts, listen to live broadcasts, and interact with broadcasters. One important feature adopted by radio stations in Indonesia is live streaming. This service allows radio

stations to extend the reach of digital broadcasts so that listeners can access live radio broadcasts through websites, apps, or other streaming platforms. (Yang et al., 2024) revealed that live streaming attributes, including live streamer, product, and field, as well as trust and impulsivity, positively influence purchase intention and provide a new perspective on e-commerce live streaming with evidence on how e-commerce live streaming drives purchase intention, enrich the content of e-commerce live streaming literature, and explore practical implications for marketing managers seeking to market through live streaming.

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Trends in radio content distribution

The shift to digital audio platforms has also affected radio content distribution. In particular, podcasting has become a popular medium for creating and distributing customised audio content on demand. Podcasts offer listeners the flexibility to consume content at their own pace and in a variety of settings, thus catering to listeners' changing habits.

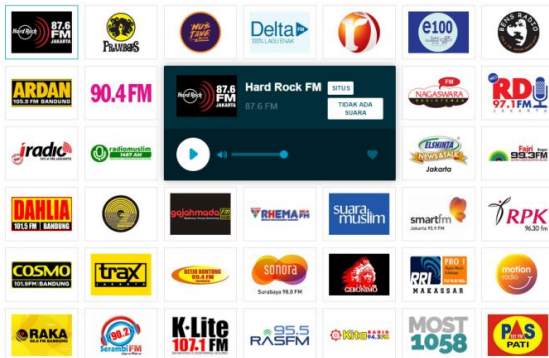


Figure 2: Radio Streaming

Source: Researcher's Process, <https://radioonline.co.id/> Accessed October 18, 2024

However, radio stations are using strategies to stay relevant in the digital era and what are the main trends in radio content dissemination in Indonesia. To expand their audience and enhance their experience with broadcast content, radio in Indonesia has utilised various digital platforms. The findings of this study provide important insights into the

transformation of the radio broadcasting industry in Indonesia, particularly in utilising digital distribution platforms. This shows the importance for radio stations to continuously innovate and adapt to technological developments and changing audience preferences.

Podcast content is usually recordings of programmes, interviews or other exclusive content, but the development of digital technology has encouraged radio stations to develop podcast content, which allows radio stations to provide on-demand audio content that can be accessed by audiences anytime and anywhere. In the digital era, radio stations should also incorporate social media in their content distribution strategy. Radio stations use social media platforms such as Facebook, Instagram, Twitter, and YouTube to interact and publish content.

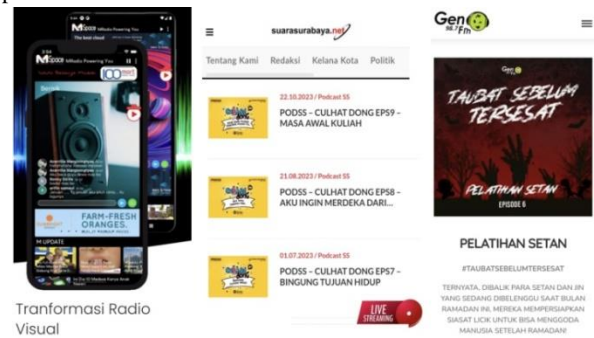


Figure 3: Radio Podcast

Source: Researcher Processed, From Internet Access 18, October 2024

Theoretically, this research helps develop the theories of innovation diffusion and media economics in the context of the transformation of the radio broadcasting industry in the digital era. In addition, the results can help practitioners and stakeholders of the radio broadcasting industry in Indonesia create effective and audience-relevant content distribution strategies. Given the rapid changes in media consumption patterns and the importance of digital platforms as a means of content dissemination, a study of digital radio content distribution trends in Indonesia is essential. (Zellatifanny, 2020)

Radio is still the most dominant broadcast medium. When compared to other media, this continues (Dhamayanti, 2022). Radio is popular because it's portable and can be used for a variety of situations. But in the digital age, radio has merged with internet technology, resulting in new broadcast formats such as podcasts. Recent studies have emphasised the prospect of the rise of audio-based media on the internet. Industry data shows that radio penetration in Indonesia has increased significantly in recent years. According to (Dhamayanti, 2022) This medium will soon rise as the "new golden age of audio".

The main challenges facing radio in the digital era include: competition with video-based content and the emergence of podcasts as an increasingly popular on-demand audio format. Changes in audience preferences and behaviour, especially the younger generation, in consuming audio media. Meanwhile,

opportunities for radio in the digital era include: being able to reach a wider audience through digital platforms, being able to produce more personalised and interactive content, being able to be a complementary medium to conventional radio, having great potential for monetisation through podcasts and digital platforms as audiences, especially the younger generation, consume audio media.

Overall, the changes taking place in radio broadcasting in Indonesia show that radio stations are increasingly utilising digital distribution platforms to reach a wider audience and enrich the audio media consumption experience. To remain relevant in the digital era, radio stations must continue to innovate and keep up with technology and audience preferences. Nonetheless, radio in the digital era has many opportunities, such as: being able to reach a wider audience through digital platforms, being able to create more personalised and interactive content, being a complementary medium to conventional radio, and having great opportunities for monetisation through podcasts and digital platforms for audiences, especially the younger generation, who consume audio media.

Overall, the changes taking place in radio broadcasting in Indonesia show that radio stations are increasingly utilising digital distribution platforms to reach a wider audience and enrich the audio media consumption experience. To remain relevant in the digital era, radio stations must continue to innovate and keep up with technology and audience preferences.

Increased content consumption through online platforms

The radio industry has undergone a significant transformation as more radio stations adopt digital platforms and technologies to enhance their content offerings. This shift has enabled the integration of interactive features, live streaming, and on-demand content to cater to the evolving preferences of listeners (Dongre, 2019) The emergence of on-demand radio allows listeners to proactively access and consume content that suits their diverse needs, in line with the uses and gratifications theory. The variety of online radio offerings has encouraged wider consumption of content. This transition has also enabled radio to offer hypertextual and interactive audio content, thus providing a more diverse experience for listeners. (Bianco & Prata, 2018)

Furthermore, the expansion of internet platforms and mobile devices has facilitated new ways of producing, distributing and consuming content within the traditional media landscape. Radio stations have utilised multimedia, hypermedia and transmedia marketing strategies, with their websites becoming more than just audio players, but evolving into portals offering news, music clips, reports and event information.

As platforms such as Spotify, Apple Music, have become the dominant and rapidly growing services for on-demand media consumption, they have offered users new and more accessible ways to access, listen to and discover songs and artists. The ubiquity of these services, their large catalogues of recorded music and podcasts, and their social functionality have resulted in widespread adoption, thus presenting a

challenge to traditional radio stations as they risk losing listeners who tune in to a more dynamic and nuanced audio entertainment experience. (Bianco & Prata, 2018)(Laor, 2022)

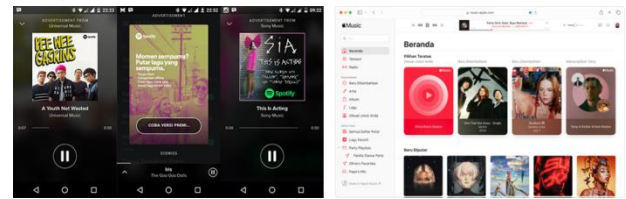


Figure 4: Spotify & Apple Music

Source: Researcher Processed, From Internet Access October 20, 2024

Digital transformation has led to increased consumption of audio content across various digital platforms. Podcasts, for example, have become a popular tool for content creators to reach out to their audience and give listeners the opportunity to listen to content at their own pace. In addition, the rise of music streaming platforms such as Spotify and Apple Music have changed the way listeners seek out and access new music. Moreover, this shift has paved the way for the radio broadcasting industry to engage audiences through more interactive and personalised audio content.(Zellatifanny, 2020)

However, digital platforms for radio content distribution are still limited in Indonesia. In distributing digital content, the radio broadcasting industry in Indonesia faces several key issues. These include a lack of internet infrastructure in all regions, low levels of digital literacy among radio listeners, and a lack of resources to develop innovative digital platforms. (Zellatifanny, 2020)

Changes in content preferences

The digital transformation of the radio industry has also led to a shift in content preferences. As digital platforms become increasingly common, listeners are increasingly looking for on-demand and interactive content, such as podcasts and live streaming. (Laor, 2022) This shift requires radio stations to adapt their content strategies to meet the changing demands of listeners. (Dhamayanti, 2022) The integration of visual elements, such as text and video, is also becoming increasingly common in radio content, as radio stations seek to provide a more rounded listening experience.

In addition to more personalised, interactive and tailored podcast content, listeners are now more interested in streaming and recommendation algorithms that make personalised music and audio appealing to listeners. Changes in lifestyle and the way radio audiences use digital media are additional components influencing digital content distribution trends in Indonesia. For example, increased smartphone usage and wider internet access have encouraged users to switch from conventional radio to digital platforms to consume audio content. In addition, younger generations who are more familiar with digital technology tend to favour audio content through online platforms over conventional radio.

The convergence of traditional media with digital technology has had a significant impact on the radio industry. The availability of multiple channels on television, for example, has contributed to dramatic changes in the media landscape, with listeners having more options for audio content consumption. Experts have used the term ‘convergence’ to describe the technological and economic changes in the media and communications industry, highlighting the integration of various platforms and the emergence of new consumption habits. (Laor, 2022) The integration of radio with digital platforms has enabled the introduction of interactive features, live streaming and on-demand content.

Strategies to customise radio stations

The radio industry has undergone a significant transformation as more radio stations adopt digital platforms and technologies to enhance their content offerings. This shift has enabled the integration of interactive features, live streaming and on-demand content to cater to the evolving preferences of listeners. (Soothill et al., 1999) Many radio stations have used digital platforms and technologies to enhance their content with interactive features, live streaming and on-demand content to address these changes in listener behaviour and content distribution. However, key issues remain the development of human resource skills required to properly manage digital platforms and significant investment in digital infrastructure. The radio industry has undergone a significant transformation as radio stations increasingly adopt digital platforms and technologies to enhance their content offerings. This shift has enabled the integration of interactive features, live streaming and on-demand content to cater to the evolving preferences of listeners. (Laor, 2022)

However, a key challenge for radio stations remains the development of human resource skills required to effectively manage these digital platforms, coupled with the huge investment required in digital infrastructure. (Steffen Heim, Sylvia Chan-Olmsted, Claudia Fantapié Altobelli, 2022) The transition to the digital world has enabled radio stations to strengthen their listener engagement strategies. Listeners are now more likely to interact with radio broadcasters through social media platforms, thus fostering a closer relationship between listeners and radio stations. (Laor, 2022) This convergence between traditional radio and digital media has become an important component in listener engagement strategies.

The advent of digital services has led to the growing irrelevance of traditional broadcast radio, especially among younger listeners (Steffen Heim, Sylvia Chan-Olmsted, Claudia Fantapié Altobelli, 2022) To stay relevant, radio stations must rethink their approach from a digital and mobile perspective, taking into account the preferences and consumption habits of millennials, who represent a significant potential audience. The digital landscape has also opened up new opportunities for radio stations to utilise data and automation for more efficient content production and audio streaming management.

The transition to digital broadcasting systems, known as ‘Digital Audio Broadcasting’ in the Asia Pacific region, has presented both opportunities and challenges for the radio industry. The availability of multiple channels on television has also contributed to dramatic changes in the media landscape. Experts have used the term ‘convergence’ to describe the technological and economic changes in the media and communications industry, highlighting the integration of multiple platforms and the emergence of new consumption habits. (Vryzas et al., 2020) (Dongre, 2019)(Soothill et al., 1999)

From an interview with the Director of Broadcasting, Ministry of Communication and Information of the Republic of Indonesia, Ir. Geryantika Kurnia, M. Eng, MA. Delivered at the facilitation of human resource capacity building and empowerment of radio broadcasting in Semarang on 3 October 2024, said that: *‘Radio broadcasting must adapt to digital lifestyle changes by utilising technology that suits its audience segments, as well as business models that allow monetisation and the current trends are digital terrestrial, Streaming + Audio on demand, Hybrid Radio, and 5 G Radio Broadcasting and Indonesia is conducting this digital radio trial’*

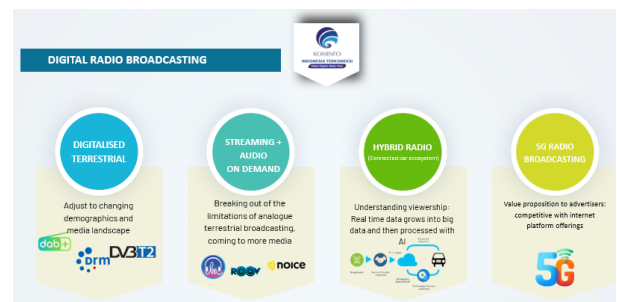


Figure 5: Utilisation of Radio Technology

Source: Researcher's Preparation, Material from Ministry of Communication and Information RI

Digital Content Development in Radio Indonesia is a Transformation

The digital transformation of the radio industry in Indonesia has been through a diverse journey. The adoption of digital technology has enabled radio stations to diversify their content offerings, integrate interactive features, and cater to the evolving preferences of their listeners. (Soothill et al., 1999) The emergence of web radio has been an important factor in shaping the digital landscape of the radio industry in Indonesia. (Dhamayanti, 2022) Most radio consumption in the country is now done through personal computers, with listeners accessing radio station websites to listen to streaming content. Convergence, a term used to describe technological and economic changes in the media and communications industry, has been a key driver of this digital transformation. The integration of traditional telecommunications media and the internet has led to the emergence of new consumption habits and the need for radio stations to adjust their strategies accordingly. (Laor, 2022) (Vryzas et al., 2020) (Rini Octavia, 2019)Octavia, 2018)

In the face of the fast-paced digital era, the development of digital content for Indonesian radio is a strategic move. With technological advancements, radio is now able to offer more engaging, interactive and relevant content to listeners, even though radio was originally considered a traditional audio medium. The radio broadcasting industry in Indonesia must capitalise on this opportunity to remain competitive and cater to the changing tastes of audiences in the digital era. (Dhamayanti, 2022; Nugroho & Irwansyah, 2021; Zellatifanny, 2020)

To create digital content, radio stations can use several approaches, such as using phone apps and podcasts with various topics, being active on social media and holding frequent quizzes and giveaways to increase listener engagement, organising virtual concerts, and creating engaging YouTube content. Radio stations in Indonesia can increase their reach, engagement and content monetisation by optimising their digital platforms. Increased consumption of content through online platforms. This phenomenon has become an integral part of our daily lives. Some of the main factors that drive the increase in online content consumption include the fact that the internet has become a highly accessible commodity. Smartphones and other mobile devices allow us to access content anytime and anywhere. Online platforms offer a variety of content types, ranging from news, entertainment, education, to very specific and niche content. Each individual can find content that suits his or her interests and preferences. Platforms like YouTube, Netflix, and TikTok use algorithms to recommend relevant content to users. This makes the content consumption experience more personalised and engaging. Social media platforms such as Instagram, Facebook and Twitter have become the primary means of sharing and consuming content.

CONCLUSION

The phenomenon of changing listener behaviour continues to evolve as technology advances. Broadcast businesses that can adapt to this trend will have a greater possibility to survive and thrive in the digital era. One of the most significant changes in listener behaviour is the shift from passive to active content consumption. Media industries that can adjust to this shift will have a greater likelihood of succeeding in the future. In general, to survive and thrive in the current technological era, the broadcast industry must undergo a thorough digital transformation.

Radio content distribution trends show that radio remains relevant in the digital age. Radio stations can continue to grow and attract new audiences by adapting to changes in technology and listener behaviour. To remain competitive and fulfil the needs of modern audiences, radio stations must dare to innovate in digital content development. Radio broadcasting in Indonesia is experiencing a shift towards digital platforms for content distribution. However, there is a huge opportunity for radio stations to develop innovative and relevant digital content for listeners. Radio stations can remain a desirable medium in the digital era by adapting to changes in technology and audience behaviour.

It is inevitable that more and more people are consuming content through internet platforms. This is changing the way we search for and consume data. To deal with this change, we must understand its positive and negative impacts and take appropriate actions to capitalise on its potential. Technological and social developments are inseparable from changing content preferences. It is imperative for individuals, businesses and policymakers to understand these trends so that they can adapt and capitalise on opportunities.

Radio stations that want to survive in the digital age must be able to adjust quickly, understand listener needs, and adapt to technology. Radio stations can stay relevant and attract listeners by combining these strategies. To deal with the current digital disruption, developing digital content for Indonesian radio is a very important strategic step. In addition to transforming content from analogue to digital broadcasting, this transformation changes the way radio functions, connects with listeners, and generates added value. Digital content development in radio is a necessity. This transformation is not just following a trend; it is an endeavour to stay alive and thrive in the digital era. Indonesian radio can remain relevant and a part of people's lives by utilising technology and understanding the needs of listeners.

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