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**INTRODUCTION**

The emergence of wireless networks has fundamentally transformed the way we communicate and interact with technology. By using radio waves to transmit data, wireless networks eliminate the need for physical cables, offering unparalleled mobility and convenience. This innovation has enabled the proliferation of smartphones, laptops, and IoT devices, facilitating seamless connectivity and access to information [1]. Wireless networks have become essential in modern life, driving advancements in various fields, from smart homes and urban infrastructure to remote work and telemedicine, shaping a more connected and dynamic world.

**LITERATURE REVIEW**

**Wireless Network Technology**

Wireless network technology represents a major leap in communication, utilizing radio waves to transmit data without physical cables. This advancement has greatly enhanced mobility, enabling devices like smartphones, laptops, and IoT gadgets to connect seamlessly [2]. It underpins modern conveniences such as smart homes, remote work, and real-time data access, fundamentally shaping how we interact with technology and each other.

**Big Data**

Significance of Big Data

The Big Data era signifies a transformative shift in how data is collected, analyzed, and utilized. With the advent of advanced technologies, organizations can now process vast amounts of data from diverse sources, uncovering insights and patterns that drive decision-making[3]. This era has revolutionized industries by enhancing predictive analytics, personalizing customer experiences, and optimizing operations. It highlights the importance of data in shaping strategies, driving innovation, and solving complex problems across sectors.

**Uses and Gratifications Theory**

Uses and Gratifications Theory explores how individuals actively seek out media to satisfy specific needs and desires. It focuses on why people choose particular media channels and how these choices fulfill their needs for information, personal identity, social interaction, and entertainment. This theory emphasizes the active role of users in media consumption.

**METHODOLOGY**

**Collection of Data**

Data collection involves gathering information from diverse sources like surveys, sensors, and social media to analyze and derive insights. Accurate and ethical collection is crucial for understanding trends and making informed decisions. Advances in technology have expanded data collection capabilities, enhancing analyses and driving innovation across various fields.

# RESULTS AND DISCUSSION

**Analysis of Cause Analysis by Wireless Network Technology**

Analysis of cause within wireless network technology involves investigating the underlying reasons for performance issues or failures. It examines factors like signal interference, hardware malfunctions, and network congestion that can impact connectivity and efficiency. By delving into these causes, solutions can be developed to enhance reliability and optimize network performance.

**CONCLUSION**

This paper proposes a rapid future-oriented content analysis of wireless networks, aiming to explore emerging trends, technologies, and challenges. By focusing on advanced methodologies and predictive insights, it seeks to understand how evolving wireless network content can shape future innovations, enhance performance, and address potential issues efficiently.

**ETHICAL DECLARATION**

**Conflict of interest:** No declaration required. **Financing:** No reporting required. **Peer review:** Double anonymous peer review.

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