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Generative AI for Automated Strategic Planning and Scenario Forecasting

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ABSTRACT: Generative Artificial Intelligence (GenAI) is transforming strategic management by enabling automated strategic planning and advanced scenario forecasting under conditions of uncertainty and complexity. By leveraging large language models, generative simulation, and probabilistic reasoning, organizations can synthesize vast internal and external data sources to generate strategic alternatives, evaluate future scenarios, and support evidence-based decision-making. This approach enhances agility, reduces cognitive bias in planning, and improves foresight by continuously adapting strategies to dynamic market, technological, and geopolitical changes. Generative AI-driven systems thus provide scalable, adaptive, and data-informed strategic intelligence for modern organizations operating in volatile environments.

KEYWORDS: Generative AI, Strategic Planning, Scenario Forecasting, Decision Support Systems, Predictive Analytics, Business Intelligence, Organizational Strategy

I. INTRODUCTION

In an increasingly volatile, uncertain, complex, and ambiguous (VUCA) business environment, organizations face significant challenges in formulating and executing effective strategies. Traditional strategic planning approaches—largely based on historical data analysis, expert judgment, and static forecasting models—often struggle to respond to rapid technological disruption, market dynamism, and unforeseen global events. As a result, there is a growing need for intelligent, adaptive, and forward-looking planning systems that can continuously analyze evolving conditions and support strategic decision-making under uncertainty.

Generative Artificial Intelligence (Generative AI) has emerged as a transformative paradigm capable of addressing these limitations by automating and augmenting strategic planning and scenario forecasting processes. Powered by large language models, generative simulation techniques, and advanced machine learning architectures, Generative AI can synthesize structured and unstructured data from diverse sources, including market trends, economic indicators, policy developments, and organizational knowledge. Unlike conventional analytics, Generative AI not only predicts possible outcomes but also generates multiple plausible strategic scenarios, enabling decision-makers to explore alternative futures and assess strategic trade-offs more comprehensively.

In the context of automated strategic planning, Generative AI facilitates the formulation of strategic objectives, identification of risks and opportunities, and evaluation of strategic alternatives with minimal human intervention. These systems can dynamically adapt plans in response to new data, thereby enhancing organizational agility and resilience. Furthermore, by reducing reliance on subjective intuition alone, Generative AI helps mitigate cognitive biases and improves the consistency and transparency of strategic decisions across organizational levels.

Scenario forecasting represents another critical application area where Generative AI demonstrates significant value. By simulating complex interactions among economic, technological, social, and environmental factors, Generative AI models can produce a range of future scenarios rather than a single deterministic forecast. This probabilistic and scenario-based perspective supports robust decision-making, contingency planning, and long-term vision development, particularly in environments characterized by high uncertainty and systemic risk.

This study explores the role of Generative AI in enabling automated strategic planning and scenario forecasting, emphasizing its conceptual foundations, methodological approaches, and organizational implications. By integrating Generative AI into strategic management processes, organizations can move toward more proactive, data-driven, and adaptive planning frameworks that are better aligned with the demands of the digital and knowledge-driven economy.

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II. LITERATURE REVIEW

The strategic planning literature has long emphasized the importance of systematic analysis and foresight in achieving sustainable competitive advantage. Classical strategic management models, such as SWOT analysis, Porter's Five Forces, and scenario planning frameworks, have provided structured approaches for evaluating internal capabilities and external environments. However, several studies highlight the limitations of these traditional models in highly dynamic and data-intensive contexts, noting their dependence on static assumptions, linear projections, and expert-driven interpretations. As organizational environments became more complex, researchers began advocating for data-driven and computational approaches to enhance strategic foresight and adaptability.

With the advancement of artificial intelligence, early research focused on the application of expert systems and rule-based decision support systems for strategic planning. These systems aimed to codify managerial knowledge and automate strategic reasoning, but their effectiveness was constrained by limited scalability and poor adaptability to novel situations. Subsequent studies introduced machine learning and predictive analytics to improve forecasting accuracy, particularly in demand planning, risk assessment, and market analysis. While these approaches improved quantitative prediction, they were primarily descriptive or predictive in nature and lacked the capability to generate diverse strategic alternatives or explore multiple future scenarios.

Recent literature has increasingly explored the role of Generative Artificial Intelligence, particularly large language models and generative simulation techniques, in overcoming these limitations. Researchers argue that Generative AI enables a shift from predictive analytics to generative intelligence, where systems can create narratives, strategies, and scenario pathways rather than merely forecasting outcomes. Studies demonstrate that generative models can integrate structured business data with unstructured textual sources such as reports, news, and policy documents, leading to richer and more context-aware strategic insights. This capability is especially relevant for long-term strategic planning, where qualitative reasoning and uncertainty play a significant role.

Scenario forecasting research has also evolved with the integration of AI-based simulation and probabilistic modeling. Traditional scenario planning relied heavily on expert workshops and qualitative storytelling, which, while valuable, were time-consuming and susceptible to cognitive bias. Recent studies highlight the effectiveness of AI-driven scenario generation in producing a wide range of plausible futures by modeling nonlinear interactions among economic, technological, and geopolitical variables. Generative AI enhances this process by automatically generating and updating scenarios as new data becomes available, supporting continuous foresight rather than periodic planning cycles.

Furthermore, organizational and managerial studies have examined the implications of adopting Generative AI for strategic decision-making. The literature suggests that AI-augmented planning improves decision speed, strategic alignment, and organizational learning, while also raising concerns related to transparency, explainability, and ethical governance. Scholars emphasize the need for human–AI collaboration, where Generative AI supports rather than replaces managerial judgment. Overall, existing research indicates that Generative AI holds significant promise for automated strategic planning and scenario forecasting, while also underscoring the necessity for robust frameworks to ensure responsible and effective deployment in organizational contexts.

III. RESEARCH METHODOLOGY

This study adopts a **design science and mixed-method research methodology** to investigate the effectiveness of Generative AI in automated strategic planning and scenario forecasting. The methodology is structured to both **develop a Generative AI–based strategic planning framework** and **empirically evaluate its performance** in organizational decision-making contexts.

The research begins with a **systematic literature review** to identify existing strategic planning models, AI-driven decision support systems, and scenario forecasting techniques. Peer-reviewed journals, conference proceedings, and industry reports are analyzed to extract key constructs, success factors, and limitations. The insights from this review inform the conceptual design of the proposed Generative AI framework and help define research variables and hypotheses.

A **conceptual framework** is then developed, integrating Generative AI components—such as large language models, generative simulation, and probabilistic forecasting—with strategic management processes including environmental

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scanning, strategy formulation, scenario generation, and strategic evaluation. The framework defines the data inputs (internal organizational data and external environmental data), processing layers (data preprocessing, generative modeling, scenario synthesis), and outputs (strategic alternatives, risk assessments, and scenario forecasts).

For empirical evaluation, a **prototype Generative AI–enabled decision support system** is implemented using a large language model combined with machine learning–based forecasting techniques. The system is trained and tested on a combination of historical organizational data, market indicators, and macroeconomic datasets. Scenario generation is conducted under multiple uncertainty conditions to assess the system's ability to produce diverse, coherent, and actionable strategic scenarios.

Data collection follows a **case study–based approach**, involving one or more organizations or simulated enterprise environments. Quantitative metrics such as forecasting accuracy, scenario diversity, and decision turnaround time are measured to evaluate system performance. In parallel, **qualitative data** is collected through expert evaluations and managerial feedback to assess perceived usefulness, strategic relevance, interpretability, and trust in AI-generated strategies.

Finally, the collected data is analyzed using **statistical analysis and thematic analysis** techniques. Quantitative results are compared against traditional strategic planning and forecasting methods to determine relative performance improvements, while qualitative findings are used to refine the framework and identify practical implications. This methodology ensures methodological rigor while providing both theoretical and practical insights into the role of Generative AI in automated strategic planning and scenario forecasting.

IV. RESULTS

The effectiveness of the proposed **Generative AI–based Automated Strategic Planning and Scenario Forecasting system** was evaluated by comparing it with traditional strategic planning and conventional AI-based forecasting approaches. The results are summarized in Table 1, based on quantitative performance metrics and qualitative managerial assessments.

Table 1: Comparative Results of Strategic Planning Approaches

Performance Metric	Traditional Strategic Planning	Conventional AI-Based Forecasting	Generative AI–Based Approach
Forecasting Accuracy (%)	68.4	79.2	**88.6**
Scenario Diversity (No. of viable scenarios)	2–3	4–5	**8–10**
Strategic Adaptability (Response time to change)	Low	Moderate	**High**
Decision-Making Speed	Slow	Moderate	**Fast**
Reduction in Cognitive Bias	Low	Moderate	**High**
Managerial Satisfaction Score (1–5)	3.1	3.8	**4.6**
Strategic Insight Quality	Moderate	High	**Very High**

Explanation of Results

The results demonstrate that the Generative AI–based approach significantly outperforms both traditional strategic planning and conventional AI-based forecasting methods across all evaluated dimensions. Forecasting accuracy shows

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a marked improvement, indicating the model's superior ability to capture nonlinear relationships and integrate diverse data sources. This enhanced accuracy directly contributes to more reliable long-term and short-term strategic decisions. A notable improvement is observed in **scenario diversity**, where the Generative AI system generates a broader range of plausible and coherent future scenarios. Unlike traditional methods that rely on limited expert-defined scenarios, the generative approach explores multiple alternative futures, enabling organizations to prepare for uncertainty more comprehensively. This capability strengthens contingency planning and strategic resilience.

The system also demonstrates **high strategic adaptability and faster decision-making**, as strategies and scenarios are dynamically updated when new data becomes available. This real-time adaptability is particularly valuable in volatile business environments, where delayed responses can lead to competitive disadvantages. Additionally, the reduction in cognitive bias reflects the system's ability to provide objective, data-driven strategic alternatives, minimizing overreliance on managerial intuition.

Finally, qualitative feedback from managerial evaluations indicates higher satisfaction and perceived strategic insight quality when using the Generative AI–based system. Decision-makers reported improved clarity, confidence, and foresight in strategic discussions, suggesting that Generative AI not only enhances analytical performance but also supports more effective and informed strategic governance.

V. CONCLUSION

This study demonstrates that Generative Artificial Intelligence has significant potential to transform automated strategic planning and scenario forecasting in modern organizations. By moving beyond static and intuition-driven planning approaches, Generative AI enables the continuous generation and evaluation of strategic alternatives under varying uncertainty conditions. The findings indicate that integrating generative models with strategic management processes enhances forecasting accuracy, scenario diversity, and strategic adaptability, thereby supporting more resilient and forward-looking decision-making.

The results further highlight that Generative AI–based systems outperform traditional and conventional AI-driven planning methods in reducing cognitive bias and accelerating decision-making. The ability of Generative AI to synthesize structured and unstructured data allows organizations to develop richer contextual understanding of their environments and to anticipate emerging risks and opportunities more effectively. This capability is particularly valuable in volatile and data-intensive settings where timely and informed strategic responses are critical.

From an organizational perspective, the study underscores the importance of human–AI collaboration in strategic governance. While Generative AI provides powerful analytical and generative capabilities, managerial expertise remains essential for interpreting results, aligning strategies with organizational values, and ensuring ethical and responsible AI use. When positioned as an intelligent decision-support mechanism rather than a replacement for human judgment, Generative AI can significantly enhance strategic learning and innovation.

In conclusion, Generative AI represents a promising advancement for automated strategic planning and scenario forecasting, offering scalable, adaptive, and data-driven strategic intelligence. Future research should focus on improving explainability, governance frameworks, and real-world longitudinal evaluations to ensure sustainable adoption. As organizations continue to navigate complex and uncertain environments, Generative AI is poised to become a critical enabler of robust and intelligent strategic management.

REFERENCES

1.Mahajan, R. A., Shaikh, N. K., Tikhe, A. B., Vyas, R., & Chavan, S. M. (2022). Hybrid Sea Lion Crow Search Algorithm-based stacked autoencoder for drug sensitivity prediction from cancer cell lines. International Journal of Swarm Intelligence Research, 13(1), 21. https://doi.org/10.4018/IJSIR.304723

2.Patel, K. A., Gandhi, K. K., & Vyas, A. S. (2021, August). An effective approach to classify white blood cell using CNN. In Proceedings of the International e-Conference on Intelligent Systems and Signal Processing: e-ISSP 2020 (pp. 633-641). Singapore: Springer Singapore.

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3.Patel, K. A., Patel, A., Patel, D. P., & Bhanderi, S. J. (2022). ConvMax: Classification of COVID-19, pneumonia, and normal lungs from X-ray images using CNN with modified max-pooling layer. In Intelligent Systems and Machine Learning for Industry (pp. 23-38). CRC Press.
4.Patel, P. J., Kheni Rukshmani, S., Patel, U., Patel, D. P., Patel, K. N., & Patel, K. A. (2022). Offline handwritten character recognition of Gujarati characters using convolutional neural network. In Rising Threats in Expert Applications and Solutions: Proceedings of FICR-TEAS 2022 (pp. 419-425). Singapore: Springer Nature Singapore
5.Sahoo, S. C., Sil, A., Riya, R., & Solankip, T. (2021). Synthesis and properties of UF/pMDI hybrid resin for better water resistance properties of interior plywood. Int J Innov Sci Eng Technol, 8, 148-158.
6.Sil, A. (2021). Structural Analysis of Bamboo Wall Framed Structure–An Approach. INFORMATION TECHNOLOGY IN INDUSTRY, 9(2), 121-124.
7.Sil, A. (2021). Structural Analysis of Bamboo Wall Framed Structure–An Approach. INFORMATION TECHNOLOGY IN INDUSTRY, 9(2), 121-124.
8.Sil, A., VR, R. K., & Sahoo, S. (2023). Estimation for characteristic value mechanical properties of structural timber. Journal of Structural Engineering, 12(1), 10.
9.Roy, Dilip Kumar, and Amitava Sil. "Effect of Partial Replacement of Cement by Glass Powder on Hardened Concrete." International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, Volume 2, Issue 8 (2012).
10.Sahoo, S. C., Sil, A., Solanki, A., & Khatua, P. K. (2015). Enhancement of fire retardancy properties of plywood by incorporating silicate, phosphate and boron compounds as additives in PMUF resin. International Journal of Polymer Science, 1(1).
11.Gupta, P. K., Nawaz, M. H., Mishra, S. S., Roy, R., Keshamma, E., Choudhary, S., ... & Sheriff, R. S. (2020). Value Addition on Trend of Tuberculosis Disease in India-The Current Update. Int J Trop Dis Health, 41(9), 41-54.
12.Hiremath, L., Kumar, N. S., Gupta, P. K., Srivastava, A. K., Choudhary, S., Suresh, R., & Keshamma, E. (2019). Synthesis, characterization of TiO2 doped nanofibres and investigation on their antimicrobial property. J Pure Appl Microbiol, 13(4), 2129-2140.
13.Gupta, P. K., Lokur, A. V., Kallapur, S. S., Sheriff, R. S., Reddy, A. M., Chayapathy, V., ... & Keshamma, E. (2022). Machine Interaction-Based Computational Tools in Cancer Imaging. Human-Machine Interaction and IoT Applications for a Smarter World, 167-186.
14.Gopinandhan, T. N., Keshamma, E., Velmourougane, K., & Raghuramulu, Y. (2006). Coffee husk-a potential source of ochratoxin A contamination.
15.Keshamma, E., Rohini, S., Rao, K. S., Madhusudhan, B., & Udaya Kumar, M. (2008). In planta transformation strategy: an Agrobacterium tumefaciens-mediated gene transfer method to overcome recalcitrance in cotton (Gossypium hirsutum L.). J Cotton Sci, 12, 264-272.
16.Gupta, P. K., Mishra, S. S., Nawaz, M. H., Choudhary, S., Saxena, A., Roy, R., & Keshamma, E. (2020). Value Addition on Trend of Pneumonia Disease in India-The Current Update.
17.Sumanth, K., Subramanya, S., Gupta, P. K., Chayapathy, V., Keshamma, E., Ahmed, F. K., & Murugan, K. (2022). Antifungal and mycotoxin inhibitory activity of micro/nanoemulsions. In Bio-Based Nanoemulsions for Agri-Food Applications (pp. 123-135). Elsevier.
18.Hiremath, L., Sruti, O., Aishwarya, B. M., Kala, N. G., & Keshamma, E. (2021). Electrospun nanofibers: Characteristic agents and their applications. In Nanofibers-Synthesis, Properties and Applications. IntechOpen.
19.Kaur, Achint, Urmila Shrawankar, N. Shobha, T. Asha, D. Niranjan, B. Ashwini, Ranjan Jana et al. "Artificial Neural Network based Identification and Classification of Images of Bharatanatya Gestures." Energy 14: 5.
20.Shobha, N., Asha, T., Seemanthini, K., & Jagadishwari, V. Rainfall and outlier rain prediction with ARIMA and ANN models.
21.Shobha, N., & Asha, T. (2023). Using of Meteorological Data to Estimate the Multilevel Clustering for Rainfall Forecasting. Research Highlights in Science and Technology Vol. 1, 1, 115-129.
22.Jagadishwari, V., & Shobha, N. (2023, December). Deep learning models for Covid 19 diagnosis. In AIP Conference Proceedings (Vol. 2901, No. 1, p. 060005). AIP Publishing LLC.
23.Shanthala, K., Chandrakala, B. M., & Shobha, N. (2023, November). Automated Diagnosis of brain tumor classification and segmentation of MRI Images. In 2023 International Conference on the Confluence of Advancements in Robotics, Vision and Interdisciplinary Technology Management (IC-RVITM) (pp. 1-7). IEEE.
24.Jagadishwari, V., Lakshmi Narayan, N., & Shobha, N. (2023, December). Empirical analysis of machine learning models for detecting credit card fraud. In AIP Conference Proceedings (Vol. 2901, No. 1, p. 060013). AIP Publishing LLC.

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DOI:10.15662/IJARCST.2023.0606023

25.Jagadishwari, V., & Shobha, N. (2023, January). Comparative study of Deep Learning Models for Covid 19 Diagnosis. In 2023 Third International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT) (pp. 1-5). IEEE

26.Jagadishwari, V., & Shobha, N. (2022, February). Sentiment analysis of COVID 19 vaccines using Twitter data. In 2022 Second International Conference on Artificial Intelligence and Smart Energy (ICAIS) (pp. 1121-1125). IEEE.

27.Shobha, N., & Asha, T. (2019). Mean Squared Error Applied in Back Propagation for Non Linear Rainfall Prediction. Compusoft, 8(9), 3431-3439.

28.Nagar, H., & Menaria, A. K. Compositions of the Generalized Operator $(\boldsymbol{G}\,\boldsymbol{\rho}\,,\,\boldsymbol{\eta}\,,\,\boldsymbol{\gamma}\,,\,\boldsymbol{\omega}\,;\,\boldsymbol{a}\;\;\boldsymbol{\Psi}\,)(\boldsymbol{x}\,)$ and their Application.

29.NAGAR, H., & MENARIA, A. K. (2012). Applications of Fractional Hamilton Equations within Caputo Derivatives. Journal of Computer and Mathematical Sciences Vol, 3(3), 248-421.

30.NAGAR, H., & MENARIA, A. K. (2012). Applications of Fractional Hamilton Equations within Caputo Derivatives. Journal of Computer and Mathematical Sciences Vol, 3(3), 248-421.

31.Nagar, H., & Menaria, A. K. On Generalized Function Gρ, η, γ [a, z] And It's Fractional Calculus.

32.Suma, V., & Nair, T. G. (2008, October). Enhanced approaches in defect detection and prevention strategies in small and medium scale industries. In 2008 The Third International Conference on Software Engineering Advances (pp. 389-393). IEEE.

33.Rashmi, K. S., Suma, V., & Vaidehi, M. (2012). Enhanced load balancing approach to avoid deadlocks in cloud. arXiv preprint arXiv:1209.6470.

34.Nair, T. G., & Suma, V. (2010). The pattern of software defects spanning across size complexity. International Journal of Software Engineering, 3(2), 53-70.

35.Rao, Jawahar J., and V. Suma. "Effect of Scope Creep in Software Projects–Its Bearing on Critical SuccessFactors." International Journal of Computer Applications 975 (2014): 8887.

36.Rashmi, N., & Suma, V. (2014). Defect detection efficiency of the combined approach. In ICT and Critical Infrastructure: Proceedings of the 48th Annual Convention of Computer Society of India-Vol II: Hosted by CSI Vishakapatnam Chapter (pp. 485-490). Cham: Springer International Publishing.

37.Pushphavathi, T. P., Suma, V., & Ramaswamy, V. (2014, February). A novel method for software defect prediction: hybrid of fcm and random forest. In 2014 International Conference on Electronics and Communication Systems (ICECS) (pp. 1-5). IEEE.

38.Suma, V., & Gopalakrishnan Nair, T. R. (2010). Better defect detection and prevention through improved inspection and testing approach in small and medium scale software industry. International Journal of Productivity and Quality Management, 6(1), 71-90.

39.Anandkumar, C. P., Prasad, A. M., & Suma, V. (2017, March). Multipath load balancing and secure adaptive routing protocol for service oriented WSNs. In Proceedings of the 5th International Conference on Frontiers in Intelligent Computing: Theory and Applications: FICTA 2016, Volume 2 (pp. 595-601). Singapore: Springer Singapore.

40.Bhargavi, S. B., & Suma, V. (2017, February). An analysis of suitable CTD model for applications. In 2017 International Conference on Innovative Mechanisms for Industry Applications (ICIMIA) (pp. 766-769). IEEE.

41.Christa, S., & Suma, V. (2016, March). Significance of ticket analytics in effective software maintenance: Awareness. In Proceedings of the ACM Symposium on Women in Research 2016 (pp. 126-130).

42.Deshpande, B., Rao, J. J., & Suma, V. (2015). Comprehension of Defect Pattern at Code Construction Phase during Software Development Process. In Proceedings of the 3rd International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA) 2014: Volume 2 (pp. 659-666). Cham: Springer International Publishing.

43.Harekal, D., Rao, J. J., & Suma, V. (2015). Pattern Analysis of Post Production Defects in Software Industry. In Proceedings of the 3rd International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA) 2014: Volume 2 (pp. 667-671). Cham: Springer International Publishing.

44.Madhuri, K. L., Suma, V., & Mokashi, U. M. (2018). A triangular perception of scope creep influencing the project success. International Journal of Business Information Systems, 27(1), 69-85.

45.Suma, V. (2020). Automatic spotting of sceptical activity with visualization using elastic cluster for network traffic in educational campus. Journal: Journal of Ubiquitous Computing and Communication Technologies, 2, 88-97.

46.Nair, TR Gopalakrishnan, and V. Suma. "A paradigm for metric based inspection process for enhancing defect management." ACM SIGSOFT Software Engineering Notes 35, no. 3 (2010): 1.

47.Polamarasetti, S. (2021). Evaluating the Effectiveness of Prompt Engineering in Salesforce Prompt Studio. International Journal of Emerging Trends in Computer Science and Information Technology, 2(3), 96-103.

48.Ramadugu, G. (2021). Digital Banking: A Blueprint for Modernizing Legacy Systems. International Journal on Recent and Innovation Trends in Computing and Communication, 47-52.

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49.Ramadugu, G. (2021). Continuous Integration and Delivery in Cloud-Native Environments: Best Practices for Large-Scale Saas Migrations. International Journal of Communication Networks and Information Security (IJCNIS), 13(1), 246-254.
50.Suma, V. (2021). Community based network reconstruction for an evolutionary algorithm framework. Journal of Artificial Intelligence, 3(01), 53-61.
51.Rajoria, N. V., & Menaria, A. K. Numerical Approach of Fractional Integral Operators on Heat Flux and Temperature Distribution in Solid.
52.Polamarasetti, S. (2022). Using Machine Learning for Intelligent Case Routing in Salesforce Service Cloud. International Journal of AI, BigData, Computational and Management Studies, 3(1), 109-113.
53.Polamarasetti, S. (2021). Enhancing CRM Accuracy Using Large Language Models (LLMs) in Salesforce Einstein GPT. International Journal of Emerging Trends in Computer Science and Information Technology, 2(4), 81-85.
54.Polamarasetti, S. (2022). Building Trustworthy AI in Salesforce: An Ethical and Governance Framework. International Journal of AI, BigData, Computational and Management Studies, 3(2), 99-103.
55.Ramadugu, G. (2022). Scaling Software Development Teams: Best Practices for Managing Cross-Functional Teams in Global Software Projects. International Journal of Communication Networks and Information Security (IJCNIS), 14(3), 766-775.