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CHAPTER 1

DIGITAL COMMERCE TRANSFORMATION IN 2024

AKHILESHWARO NATH

ASSISTANT PROFESSOR, DEPARTMENT OF MANAGEMENT,

LUCKNOW PUBLIC COLLEGE OF PROFESSIONAL STUDIES, LUCKNOW, U.P., INDIA

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ABSTRACT

Digital commerce transformation is the act of switching a company's business model to be positioned to be more digital. This process involves the use of digital technologies and data analytics to enhance customer experience, grow revenue, and lower expenses. The subject of digital transformation has been popularised and buzzed around in the digital and traditional media for some time now. The most visible digital transformation in our lives since the pandemic has been how we shop. We all know that shopping online and shopping in brick and mortar stores are two different experiences. User can compare the products online with the one in the store, which makes it possible to access a variety of products at a better price. Even when she goes to a physical store, the customer visits through the e-commerce website to check for availability of product types and prices. In this guide, we'll cover how retailers can prepare for digital transformation in commerce and the future of retail in 2024.

1.1 DRIVERS FOR DIGITAL COMMERCE TRANSFORMATION

- **Automation:** Automation is one of the most prevalent technologies in all business sectors. Digital commerce also is growing at lightning speed, spanning every department from marketing to warehouse to supply chain management.

For instance, this automation can also streamline supply chain management, such that there is never reduced availability of product at a given moment. Your marketing strategy will produce more leads which you will be able to turn into customers. 77% of marketers say that the use of automation in marketing helped them generate more leads, and 56% say that automation increased conversion rates.

- **Big Data:** As e-commerce is growing, consumers have begun to understand that their information is being collected and used by online shopping sites. Consequently, experts are still polarized on whether big data is beneficial or detrimental to personalised shopping. If utilized, big data can turn into a driving force for marketing and sales, and it can rapidly grow from its roots then they can rise within the mountains of data to reach its summit. As discussed above, the most common big data use is product recommendations and personalization of websites and services. Most times, there are so many offers to choose from online. Big data has powered some of the most significant strides in recommendation and personalization systems, enabling users to receive hyper-personalized recommendations that are truly specific to their individual needs.
- **Emerging Markets:** Retailers have to fine-tune their digital strategies to what international customers expect in terms of culture — this may include product, service and content development. According to Nielsen, consumers in Emerging Markets are quicker at embracing brand new technologies, this means that brands and retailers will also need to try and adapt their localisation efforts. Sekel Tech would also provide product information to shoppers in-store, including stock availability in real time. AI-enabled live chat support and tailored recommendations, for instance, can be used to streamline customer journeys.
- **Customers Data Platforms (CDPs):** Before we address the need for customer data platforms, it is important to note what these platforms do: customer data platforms bring together all first-party customer data coming from various sources into a single, cohesive, and holistic view of each and every customer. The software comes with services that generate a wide range of customer database that can be retrieve, analyse, track and manage customer interactions and other systems. Delivering excellent customer experience is one of the primary objectives of digital commerce transformation. Thus, to thrive in the new era, corporations have to go by this pattern and account their customers. Doing so is one way of making decisions based on accurate data.
- **Default Security:** As applications and automated systems are as secure as the building blocks they are made of, organizations are awakening to the

importance of default security. Security concerns have long prevented digital initiatives from taking root. Most IT and business leaders say security fears have slowed innovation. As their systems grow more integrated, security and governance issues have been getting more complex. The most common attack vector to cause a data breach from enterprise web applications will be through API attacks in 2022–2024. As a result, security decision makers say they intend to prioritise security in their development processes. In the years to come, more companies will follow suit and the era of business technologists will continue to evolve.

1.2 DIGITAL TRANSFORMATION FOR YOUR BRAND

Digital commerce transformation: Adapting to the new digital era. It is a transformation of our business model and our customer engagement model. It isn't only about technology, but about people, processes, and culture. It's about knowing what your customers are looking for and what they need in order to give them an experience that'll make them want more. Five steps to digital transformation in commerce are:

- **Define Business Goals:** Business strategies are often restructured to ensure that they are optimized for profitability and competitiveness. As far as the business goals are concerned, here are few basic and common perspectives. Improving the end-consumer experience to boost efficiency and improve consumer loyalty. Accelerating operations, cutting costs, and differentiating services with intelligent, digital processes. Take command of analytics and gain actionable insights for competitive advantage. To be different from others without compromising with the speed and cost of process, you need to choose the ideal technologies.
- **Augmented Reality, VR and Improving the Customer Experience:** As a result, customers are able to experience every kind of physical shopping through Virtual Reality (VR). In order to ensure that personalized shopping journey wherever your customer is, online customer can now get full overview of the product. The best eCommerce brands use tools that can be expensive. Additionally, virtual reality help customer service by reducing service time. Moreover, business leaders do not have to restructure their whole business model to execute a digital transformation initiative – they only need the right VR/AR tools. These technologies are designed to be integrated seamlessly into

the existing infrastructure allowing you to avoid building the experience from scratch.

- **Adopt Digital Transformation:** Digital commerce transformation as a whole is a vast topic, and every single organisation needs to select emerging technologies as per their particular business requirements. For instance, a robust digital customer experience needs solutions that enable omnichannel capabilities, customer experience management, data analytics, etc. However, without a clear understanding of what the eCommerce business is all about, you won't be able to pick the right tools. This knowledge will allow the business to invest accordingly and carve a decisive path for future innovations.
- **Take Your Customer Experience Strategy up a Notch:** Customer experience (CX) is how well your products and services are working for your customers. Customer experience includes everything from product quality, to social connections, to customer service, to everything in between—all of which contribute to the complete customer experience process. These tools can be integrated with other software solutions like A/B testing tools, content management systems, customer data platforms, usability testing tools, etc Integrated with other software solutions such as A/B testing tools, content management systems, customer data platforms, usability testing tools, etc. Sekel Tech's Customer Experience Management (CEM) tools allow tracking and organising of all consumer interactions.
- **The future of modelling is all about data:** It takes a committed and skilled team of professionals and a considerable investment of time and capital. The expertise and experience of a digital commerce company could significantly benefit your retail business. If businesses want to succeed in their digital transformation, it is time for them to look beyond their old toolkits and adopt the newest technologies. Sekel Tech's cloud-based infrastructure solutions are essential for businesses and customers who want to stream, protect and utilise their data. Just like data storage is headed out of physical space into the cloud – an even quicker move is underway. For further details, see Sekel Tech's rankings of cloud storage platforms. Today, in the digital age, they lie at the core of an ecosystem of on-demand services and essential to every business.

1.3 THE FUTURE OF DIGITAL COMMERCE AND HOW DIGITAL TRANSFORMATION WILL CREATE IMPACT

The evolution of Digital transformation will impact digital commerce in the future. Customers will find it more convenient to buy goods and services, which will boost

ease of doing business. It will also help retailers understand their shoppers better, which means that they can tailor products and services to customer needs. Here are a few that will shape the future of the digital commerce industry.

1.3.1 SHIFT TOWARDS INCREASING DIRECT-TO-CONSUMER (D2C) SALES

Digital commerce enables businesses to interact directly with end customers rather than going through wholesalers. Selling D2C provides online sellers insight and more revenue. Through D2C, brands will be able to cater their products to the needs of the consumers and personalize their products. Interacting directly with customers will lead to a better customer experience and increase brand loyalty as well. Because of this better CX, the existing brand campaigners will have a wider customer base.

1.3.2 FOR BUSINESSES, OPTIMIZING WILL BE MORE CRUCIAL

Just like SEO, a website's conversion rate optimization, or CRO, is vital. SEO brings people to your site, CRO turns them into customers. CRO is about micro-optimizations, where admins make small changes to their websites and then track which changes are valuable. Minimal tweaks lead to you making the buying journey easier and enticing people to make purchases. These changes could be in the form of altering the arrangement of the screen, improving upon catchy product descriptions, making navigation easier and establishing a more user-friendly checkout option. Therefore, e-commerce retailers usually get great conversion ratios.

1.3.3 BIG DATA WILL IMPROVE PERSONALIZATION

Digital commerce solutions, such as Sekel Tech, offer consumers deeply personalized shopping experiences. Machine learning is the gateway for providing personalized suggestions, modifying site algorithms according to previous consumer behavior. The fact that so many consumers perceive such activity tracking as an invasion of their privacy may cause them to opt out of personalization altogether. Meanwhile IoT devices remain sufficiently fascinating and you can bring some of that into your brand by adding product recommendation functionality.

1.4 SEKEL TECH'S DIGITAL TRANSFORMATION PLATFORM FOR COMMERCE

Based on the firm outcomes and profits, at Sekel Tech, we strategically create a course for e-commerce business for a digital transformation. We are working on primarily Improving customer retention by way of better experience, Enhancing data insight that simplify operations, Offering effective and unique services through digital processes, and Offers insights through strong analytics. A dynamic engagement platform can enable us to amalgamate customer acquisition and retention processes to re-enact and revamp the customer experience journey. As a leading digital commerce solution, we have provided solutions for brands like Bridgestone, Blackberry, Schneider, Gulf Oil, VLCC, BBLunt, Grohe, etc. Sekel Tech solutions help retailers, wholesalers and consumer products companies meet present day and tomorrow's market opportunities. The customer promise is the first building block of your future e-commerce ecosystem and its supply chain. Digital transformation characterizes the modern face of the e-commerce market. And the degree of digital affinity in a business reflects how much that business has progressed. There was a time when wholesalers would dispatch brochures while the retailers were competing on the high street. Here are some things that have finally merged e-commerce and digital technology.

According to the research, when it comes to online shopping, almost 87% of shoppers search online for products and their reviews. Its most important step is to keep customers satisfied so that they continue to return, even if it is critical to attract new ones. This is where omni channels come in very handy. By mapping a business to the apps, e-commerce has redefined B2C, making it easier for shoppers to search for what they want to buy. Hence, the utility of devices with advanced technology in retailing ranges from corporate organizations to individual customers. It's called about the online market, the value of a product or a certain brand is decided on the basis of its online presence. Hence, the enterprise sector is witnessing a massive investment in the digital integration to have greater digital outreach and energy. Without a doubt, the rise of global e-commerce can be credited to:

Farmers turning into tech savvy and growing use of the internet & mobile by the consumers. E-commerce: Digital Transformation of Businesses. Use of tools like CRM to have a sense of customer's satisfaction and understand what they need. Digital integration tools are the rulers of modern business strategies. So the e-

commerce industry has not only transformed the perception of a customer for a brand but has also transformed the entire business conduct process.

1.5 DIGITAL TRANSFORMATION IN E-COMMERCE INDUSTRY: HOW IT HAS CHANGED?

The complete e-commerce industry has been revolutionized and redesigned due to the digital revolution. So the modern success definition of a business is depending on its evolution and adaptation in speed. And quite a few start-ups read like the living embodiment of the statement, Eric Pearson "It's no longer the big eating the small. But the quick defeating the slow." Here are the following ways how digital integration has transformed the retail industry:

Customers' insight has got agility in it. 68% of the businesses are focusing on speed over everything else. The way consumers now go through a journey has become digital and personal, transforming the complexities of a classical B2C relationship into a customer centric model. It has designed a mutually agreed upon approach towards processes across the departments of an organization. One of the prime targeted outcomes of digital transformation in e-commerce is the willingness to explore continuous improvement and a matured appetite for innovation. It has helped broaden the range of knowledge and skill among the employees.

1.6 DIGITAL TRANSFORMATION IN E-COMMERCE: HOW TO EXECUTE IT?

No longer can legacy solutions and silos keep a growing organization afloat in the e-commerce space. This approach is being applied across sectors, from retail via backend optimization and data analytics. Here is the right step-by-step digital technology adoption in an e-commerce field:

- The first thing is knowing the objectives which a company wants to achieve with this disruption before going for this transformation. This involves:
- Focus on enhancing the end-user experience towards operational cost management and Managing the tech stack to create ease in the business.
- Try to introduce steps that would provide equal opportunities in use of infrastructure and operations. It will be further helpful in minimizing the cost-efficiency.

- Blue print goals belonging to customers' experience like customer acquisition tactics, CRM tactics, customer expectations insight, customer needs, and customer loyalty.
- Know how to maximize the benefits of digital transformation in the area of B2B. Such as; integrating the tools of AI, task automation software in various departments, etc.
- Separation between disruptive vs. role-specific technology within the digital innovation program.
- The upswing of e-commerce & digitization is all about squeezing the maximum out of every opportunity. Well you are not just adapting to the change at a phenomenal speed, you are adapting to it. Studies have revealed that the 60% employees are not sufficiently prepared for the embrace of the evolution, thus the execution of the digitally learning environment becomes the prerequisite. The digital revolution, needless to say, is here, to redefine the whole e-commerce industry, once and for all.
- Establish Your Digital Ambition: Make the right combination of digital moves Digitalization is not a uniform strategy. They must conceptualize their digital ambitions in a way to frame strategy — that is, to define the type and depth of business outcomes they want to achieve. This is what determines where and when to devote resources, time, and attention to digital initiatives. Results from digitalization can be grouped into two broad categories:
- Albeit Digital Optimization outcomes which takes initiatives to improve current processes and customer experiences
- Digital transformation results from a rethinking of how the organization serves the market through net-new products, services or business models

You are not forced to choose between optimization and transformation. The most successful digital aspirations and corresponding digital strategies figure a wise balance of initiatives of both flavors across functions and business units. There's been a lot of hype around "digital transformation," but in practice, few traditional enterprises execute a full transformation. Wholesale efforts to do so typically fall flat. A more successful approach to digitalization runs transformation and optimization in parallel: Drive digital business transformation initiatives for a small number of high-potential product/service lines, business units or corporate functions; and drive digital business optimization initiatives to achieve nearer-term benefits in adjacent functions. How much each weighs on a given organization depends on a number of factors, including the disruption in that industry to an the organization's culture. For example, those in robust industries without signals of

approaching disruption should focus on optimization, lest transformation become an expensive distraction well ahead of customer adoption. In contrast, businesses in disrupted sectors need to focus on transformation across key areas of their business because to wait is to risk becoming irrelevant, and watch revenue and margin attrition become the customer experience norm.

Enterprise culture also shapes the balance between optimization and transformation initiatives. More aggressive firms often take a bolder path to digital transformation, as they seek early adopter status — this is pushed by roughly 30% of chief executive officers, according to the 2020 Gartner CEO and Senior Business Executive Survey. Sure average companies will probably take an optimization path. Late-adopter companies may do none of that, but by adopting digital technology enablement such as cloud or SaaS or APIs or digital channels. This leads to more IT capability without genuine optimization or transformation.

1.6 USE DIGITALIZATION TO BETTER OR OPTIMIZE THE BUSINESS

Digital business optimization is about enhancing or optimizing existing revenue streams, operations or customer experiences, without changing the organization's key value proposition or business models. With less risk than digital transformation initiatives, optimization initiatives can offer considerable near-term benefits as valuable. Most enterprises have a digitalization mix tilted towards optimization, laying the groundwork for future digital transformation.

- **Enhance Existing Revenue Streams or Citizen Value**: Typical use cases are analytics and AI initiatives that help organizations to improve their demand/supply forecasts, optimize prices and promotions, etc. In addition, digital marketing and sales technologies can drive higher or more frequent purchase or contract values. Implementing digital customer service initiatives can reduce the cost of service delivery and increase retention.
- **Improve Operating Margins:** IoT technologies can be used to enhance asset productivity. They can augment and even automate processes to increase employee productivity.
- **Improve the Workforce:** Robotic process automation (RPA) and similar technologies can automate routine, repetitive tasks so that workers can focus on more value-added activities, enabling the organization to generate more value from the same headcount.

- **Improve CX:** There are opportunities to improve CX on both customer-facing and back-office sides of digital technologies. Digital customer channels, for example, allow for self-service that can add speed and convenience for customers. IoT technologies that monitor the length of queues or the estimated time until a preferred commodity is back in stock on the shelves also offer more visibility into the issues that customers care about. AI-based virtual assistants can also improve the way customers use a product — leading contributor to customer satisfaction.
- **Increase Asset Utilization and Returns:** Integrating operational systems with newer IoT technology and advanced analytics would help manage physical assets and maximize their utilization. The potential benefits range from enhanced uptime, improved energy efficiency and predictive maintenance that stretches the useful life of an asset. Financial assets can also prosper when using advanced analytics and AI to find opportunities that deliver superior returns for the same risk profile.

When embarking on digital business optimization efforts, the key is to align on two to three outcomes at a time from these focus areas. While many B2C and public-sector enterprises will choose "improve customer experience" as their priority outcome; industrials will select "optimize physical assets."

1.7 DIGITAL TRANSFORMATION REPRESENTS NEW BUSINESS MODELS OR PRODUCTS

Transformational organizations want to leverage digitalization to do more than create a better version of the same business. They want net-new opportunities and perhaps to shake up the existing structure — via new revenue streams, new digital products/services and new business models. The arrival of a disruptive technology often creates a dilemma between transformation and optimization. Consider those disruptions as new market paradigms developing in what can be represented as an S-curve. At the bottom of the curve, some new technology or breakthrough enables a new product, service or business model. That innovation goes through a period of stable growth until an even newer technology disrupts it and creates the next paradigm and the whole process begins again. The music industry is a great example of this dynamic, which was one of the first markets to be forced to transform when Internet 1.0 made digital music possible, upending listeners' habits and destroying the market for physical cassettes and CDs. Within a decade the bulk of the consumer of music was downloading MP3s using an a la carte business model which enabled

the economically profitable sale of a whole (an entire album) and its components (individual songs). Once the ability to stream audio arrived a decade or so later, listeners started to consume music and other audio wares — most notably podcasts — via subscription businesses like Audible and Spotify.

1.8 DIGITAL TRANSFORMATION PROGRAMS SEEK TO LEVERAGE THAT S-CURVE EVOLUTION TO CAPTURE NEW REVENUE OR VALUE THROUGH:

Digital products enable traditional organizations with a large installed base to complement or leverage existing digital capabilities that change their value proposition. A white-goods manufacturer might create a connected version of its washing machine that enables an owner to remotely set the water temperature or receive a notification when a cycle has completed, for example. In commerce, he or she added IoT sensors on the farm equipment that analyzes soil moisture, pH or mineral balance.

Cloud services could become revenue opportunities once the business has linked its products. That same farm equipment manufacturer, for example, could create a new line of business with data insights as value-add services. For instance, by delivering customized yield improvement analytics that marry details such as local soil profile data (from the IoT sensors) with third-party climate data and proprietary yield patterns. Revenue-generating digital services aren't only for tangible products. Financial services— such as wealth management— leverage rob advisors and other technologies to deliver a digitally enabled, low-fee alternative to one-on-one advising. Mobile parking payment systems are automating the collection of government revenue within the public sector while increasing efficiency and user convenience.

1.9 NEW DIGITAL BUSINESS MODELS

Digital technologies enable new business models to be technically feasible and economically attractive. Models with ongoing payments based on use — metering — such as pay-as-you-drive insurance or power-by-the-hour contracts for commercial equipment. There are many industries for Platform business models (e.g., Amazon Marketplace, Uber, Apple App Store) at which digital giants excel, ranging from finance and insurance models, which take advantage of P2P approaches (e.g., Prosper, Lemonade, Reinsurance), to industrial marketplaces (e.g., Station One, the railway supplies marketplace). Pioneering digital business models seek to

harness new value opportunities. Seventy-nine percent of strategy leaders do expect digital technologies to have a fundamentally transformative impact on their business models. Digital business models express how an organization generates, delivers and captures value across four dimensions:

- **Value Proposition:** The benefit customers get out of a product or service.
- **Customers:** The target customer segment for the product or service
- **Capabilities:** The physical and digital assets; people; culture; information sources; and strategic partners that deliver the value proposition
- **Finance:** Models of revenue and cost that reflect economic value.

But only a handful of organizations carry out business model assessments as an ongoing management practice. Instead, they react only once the surrounding economy or new disruptive competitors necessitate change. Instead, conduct a Business Model analysis to identify strengths, weaknesses and opportunities in the spot, in the context of the digital transformation and from there the strategies to enhance value creation. Analyze gaps in the current business model in core and noncore markets; analyze environmental trends likely to drive significant shifts in the industry; assess the most promising opportunities to develop future capabilities, to utilize firm assets, or to build technological capabilities.

1.9.1 A DIGITAL BUSINESS VALUE MODEL OF TWELVE

Some examples of digital business models that could allow the organization to capture identified sources of value would be:

- **Subscription Model:** Create an audience of repeat customers by charging a recurring subscription fee for continued access to a product or service that's usually purchased on an ad hoc basis (e.g., Netflix, Ipsy, Dollar Shave Club).
- **Razor And Blades Model:** Attract customers with inexpensive base product and sell them add-on or complementary components at a higher margin (e.g. Amazon Kindle, Nespresso, Sony PlayStation).
- **Ecosystem Model:** Train the coordinate, interrelated and interdependent suite of merchandise and services that is extra precious as extra individuals (purchasers and sellers) use it (e.g., Apple, Google, Samsung and their app developer communities).

- **Access-Over-Ownership Model:** Rent and Sharing Economy — You giving temporary access to your goods or services for who needs it (e.g. Airbnb, Spinlister).
- **Free Model:** Offer users a free product or service, and monetize user data (through ads and insights) (e.g. Facebook, Google, Snap Inc.).
- **Freemium Model:** Freemium business model; offer a free basic product or service to encourage users to pay for advanced features (e.g., LinkedIn, Dropbox, Hoot suite, AWS).
- **Digitalization Model:** Provide a tangible and physically sellable item in a digital format (e.g., Spotify, Wikipedia).
- **Servitization Model:** Turn product to service and/or also offer ongoing services in addition to core product (e.g. Salesforce, Microsoft)
- **Online Retailer Model:** Sell products or services directly to consumers, via a digital-only channel (e.g., Shutterfly, Ally Bank, Asus, and Shopify).
- **Marketplace Model:** Connect buyers with sellers in exchange for a transaction fee or commission (e.g. Amazon, Uber, Airbnb).
- **Custom Supplier Model:** Design, manufacture and distribute personalized products and services (e.g., Shutterfly, Skin Inc.).
- **Gamification Model:** Use gamification & experience design to engage customers digitally (ex. Fitbit) Agile digital execution to achieve minimum viable outcomes

Reaching similar success with digital business transformation requires a more agile mindset, when more conventional models frequently stifle digital initiatives. The Adaptive program management framework permits execution teams to achieve Transformational-tier planning and control with speed and adaptability as their top priority.

1.10 DIGITAL BUSINESS EXECUTION IN SIX STEPS

- Create buy-in through a shared vision, sponsorship, and transformation messaging, and blueprinting the end state of the program.
- Prioritize the initiatives and the timeline for getting them done. Understanding the environment, establishing program support, defining program governance framework, and determining financial delegation authority (FDA) structure for transformation. The further you moved and the faster you can move.
- Program Completion: Develop/construct the transformation or finalize the enterprise through a series of iterations led by program office and project leads

conducting program risk assessments and overviews of program and initiative assessments and measure reviews.

- Assess the results to determine if the results properly substantiate the initial vision. The results may usher in a new cycle of execution, which must start by validating that the digital strategic vision remains relevant to the organization's needs. The evaluation is to include a review of program portfolio progression, program investment (financial), program objectives and program performance (i.e. value realization, end-state metrics).
- Understand what went well and what needs changing. Tweak plans or results as needed. Identify new opportunities for development and improvement and set goals for them.

1.11 IMPORTANT DRIVERS OF DIGITAL TRANSFORMATION IN E-COMMERCE

Digital Transformation is not a new thing anymore. It revolutionizes the future of digital marketing and e-commerce, and it = is amazing results. Research by Mordor Intelligence indicates growth in the retail market to $541.44 billion through 2029, providing amazing growth potential. This expansion is being made possible by automation, AI, and many other trendy technologies. They help to streamline and make operations faster than ever. In this blog, we will examine how the latest innovations and discoveries in e-commerce technology are transforming and evolving the industry. The e-commerce industry has contributed to the digital transformation that can be attributed to several key drivers. These drivers need to be understood by the existing players and the new entrants to help maneuver the expanding territory and be pioneers. Customer expectations have been pushed up as the market is changing exuberantly. The shopping experiences customers want now are far more personalized and convenient. Digital commerce / e-commerce players have adopted this transformation to acknowledge these expectations by modifying products and amplifying customer engagement.

1.12 NEW TECHNOLOGIES AND TRENDS

As such the cutting edge e-commerce technologies from artificial intelligence, machine learning, blockchain and IoT, have created a huge impact on the industry. These technologies introduce a different style towards the interaction between businesses and customers. For instance, AI and machine learning have made

recommendations about the customers more focused and hence enhancing their journey.

- **Growth of Mobile Commerce:** Smartphones play an important role in our everyday life and, therefore, the shopping applications need to be mobile-friendly more than ever. The emergence of such applications has increased customer convenience, making everything that customers want or need in the palm of their hands. This trend has simultaneously provided opportunities for retailers to sell in a way unlike with retail.
- **Omnichannel Strategy Integration:** The Omni channel is improving customer interaction with new models such as BOPIS (Buy Online, Pick up In-store) that show how e-commerce has evolved. These strategies are critical to exceeding [modern] customer expectations and speeding up digital transformation."
- **Rise of Social Commerce:** A new powerful force in the e-commerce market: Social media platforms They are no longer just for reaching out to the world. Now businesses all over the world are using these platforms to access an international customer base and market their products. It's a good example of e-commerce 2.0.
- **Competitive Pressure:** Increasing demand, affordable products, rapid delivery, and personalized experiences have enhanced competition. The e-commerce and retail industry belonged to physical limits, exactly a few decades before. Digitalization has dismantled geographical barriers. Here, technologies facilitating digital transformation, like low-code, progressive web apps, artificial intelligence, CMS, and alike, helped break this barrier. It has amplified competition by providing the ease of opening digital stores. Now everyone can open the store, offer up the products and make a profit without ever needing physical warehouses or manufacturing locations.
- **Data Science including Artificial Intelligence and Machine Learning:** This contributes to the efficiency and predictive analytics of the e-commerce industry. With these technologies, businesses can personalizes user experiences, automate redundant processes, and provide better customer service.
- **AR and VR (Augmented Reality and Virtual Reality**): AR and VR are bridging the distance between online and in-store shopping. This next tool from IKEA uses virtual placement technology to show how products would look in customers » homes and is another example of how trends within the e-commerce space are creating interactivity- and shopping is easier than ever online.

- **Automation and Analytics:** Automation helps in various tasks such as inventory management, order processing, customer satisfaction, etc., thereby enabling businesses to streamline operations and focus on growth.
- **Cybersecurity Advancements:** With e-commerce being popular than ever, cybersecurity needs to be taken seriously. From AI-powered threat detection to blockchain for secure transactions and customer trust building, the list goes on.
- **Cloud-based Services:** Moreover, cloud-based services are enabling e-commerce firms with improved operational efficiency and the possibility to provide personalized walkthroughs while eliminating the need for a robust IT infrastructure.

1.13 THE DIGITAL TRANSFORMATION BENEFITS

Digital transformation in the e-commerce sector has had a huge impact that has led to never-ending benefits for the organization such as:

- **Improved Customer Experience:** Personalized services, seamless Omni channel transactions, and quicker services are enabling businesses to keep customers and boost satisfaction.
- **Enhanced Operational Efficiency:** Automating inventory management, supply chain operations, and order processing are streamlining business processes, cutting costs, and improving service delivery.
- **Growing a Competitive Advantage:** Embracing top trends in e-commerce allows business to go global, break geographical barriers, and even thrive in a saturated market
- **The power of scaling and security:** Enhanced cyber security and scalable solutions are empowering e-commerce businesses to grow without compromising their data security.

1.14 CONCLUSION

This is an ongoing digital commerce transformation process that requires time and efforts. That'll take a good amount of planning, research and execution. It’s how we all work together to deliver a better experience for the customer. The future looks bright and full of possibilities for digital commerce. Hence, the upcoming years are going to see it as the future of all businesses. It’s a trend that has already been going on for quite some time now and will continue to do so in the future.

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