

tire retail market looks completely different from how it did just a few years ago – from brick-and-mortar and online to mobile and voice-based search.





Store closures are a major theme in U.S. retail, as many overspaced retailers are reacting to the migration of sales online by closing physical locations.





## technologies changing retail



rmyseal Stewmones for Omitre Sales – Borcoba, a popular interiesers sales has a "guidelistop" where customers can come in and by on diches but cannot leave with the forms, Indead, the sales will place the cofer online and have it shaped to be customers, tome. Returns can be made at Binobos' local guidelibops. High-and shoe retailers Paul Evens and Jack Erwin also use this appreach.



Smart Mirrors – Neiman-Marcus uses a mirror that is echally a camera and screen that records an eight-second video to provide a 390-degree view of how a piece of cuthing looks on. It also provides a side-by-side comparison of how a shepper look in two different disease.



Augmented And Virtual Realities - Marrort, a top in store withal solutions company uses VII behnology to help customer visualize from improvements. It was and Antiropicing-insec Art apps that let outcomers get a visual representation of how an term would look in their formers.



Checkoud Five Stores / Contactions Shapping – Sam's cito, a membership-only violal washouse and Armazon's Amazon Go uses a self-devictod app that lets communes enter by covering a code on their app, prick up from they yours, and two lave. The apply searces, complet vision, and deep learning track the liters and automatically talls the adopper.



Facial Recognition — A KFC in Hangshou, China launched a face-based payment via Allbaha's Ant Financial payment platform, Alpay, Dines place their order at a terminal, which then scans their face, If it matches the image on the photo ID stored in the system, the customer only has to erter their phone number and the payment.



Vote-Based And Visual Basech - Retailer including Durkin Drivan, 1-600 Flowers, Domeron, and Statistics have created Stills for Amazons. Aleas that lets consumes over fermion of East and other Amazon-Based devises. Google on the teht letted, strotchard Google Lors, which lets users part to an form and receive an explanation of what it is. It a person sees someone sporting a riving pair of translatin, for retaining, Google Lors Coulder for the transl and ord writers the could buy 4.



Chatbots – In 2016, Facebook opened Messenger to brands, which opened chatbot for 1-800 Flowers, Starbucke, Whole Foods and many others, Sephora's braibot, for instance, lides you book apportments with a beauty specified at the slove and get help with purchasing decisions. Meanethia, Whole Foods' chatbot offers recipe advice.



Drames – Amazon completed file first Prime Air drone delivery in the UK under a limited trial program involving only his best outstoners, indicating plans to expand the pilot to more outstoners living within a few miles of its Prime Air fulfillment center in Cambridge 7-Elevan also detect done deliverse in Ramo, Neveda.





The rise of these digital transformations puts pressure on traditional retail stores and forces them to make huge adjustments.



A store like Macy's could never have a 2,000 square feet store in an urban downtown or urban core. All of a sudden you can do all that now with virtual reality.



Customers are expecting faster, more responsive services and are increasingly looking for ways to automate shopper experience. In response, retail companies are adapting to changing technologies in order to stay relevant.