

How India Shops Online



An insight into consumer trends and the future roadmap

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Executive summary

The Indian e-retail evolution

The \$850 billion Indian retail market is the fourth largest in the world and is largely unorganised. This market is on the cusp of a transformation, led by the emergence of e-retail and its growing influence on Indian shoppers.

The e-retail industry in India has seen an upsurge in the last five years and there is significant headroom for further growth. Based on insights into the global evolution of e-retail, we expect Indian e-retail to reach massive scale—spurred by cheap, ubiquitous mobile data enabling nearly 1 billion internet users by 2030, growing online spends by ‘Digital Natives’ and supply-side innovations like vernacular-based user interfaces, voice and visual search. We expect fashion categories to play a critical role in acquiring customers online, similar to the mature markets of US and China. The Indian e-retail market is primed to reach nearly 300 to 350 million shoppers over the next five years—propelling the online Gross Merchandise Value (GMV) to \$100 to 120 billion by 2025.

Covid-19 has caused an inflection in e-commerce penetration globally driven by consumers’ need for safety and convenience and even in India, online is gaining salience. We expect India’s e-commerce growth story to be inclusive—one that empowers the sellers and consumers both. For the consumers, it will provide convenient access to a wide assortment of products across all geographies and income segments. For sellers (kiranas, artisans, traders and homemakers) it will provide an unprecedented impetus, by creating an easy access to a large base of customers across the country and keeping their stores running 24x7. E-retail has already democratised the shopping landscape, with access to more than 95% of India’s pin-codes, and empowering Bharat’s small sellers while breaking go-to-market barriers for insurgent and incumbent brands. E-retail has benefitted millions of customers across India, exponentially increasing merchandise choice, price transparency and augmenting access and convenience.

A microcosm of the pan-Indian retail market, the online-shopping landscape comprises a diverse mix of city tiers and income ranges. Online shoppers in tier-2 and smaller towns make up nearly half of all shoppers and contribute to three out of every five orders for leading e-retail platforms. These customers from tier-2 and smaller towns buy similar categories of products as customers from metro cities or tier-1 towns with only a marginal difference in average selling price.

Over the past few years, India has seen a surge in small enterprises and homemakers scaling their businesses by taking them online. E-retail has enabled the creation of millions of jobs and empowered delivery personnel, mom-and-pop kirana stores and several small sellers.

Not only has e-retail broken go-to-market barriers for new brands, it has also helped traditional

brands accelerate new product launches. Digitally-born brands have scaled rapidly and are being built more efficiently. Large incumbents have also leveraged the online channel to launch multiple online-first brands, get real-time customer feedback and use those learnings to improve the effectiveness of its national offline launches.

Online shopping journey

Brand success in e-retail hinges on a deep understanding of how shoppers discover and decide on products online. Our analysis across categories provides useful and interesting insights into the nuances of online shopping behaviour of Indian customers:

- **Nine minutes is all you have:** Over the past year, consumer engagement with online platforms has increased but a visitor spends less than nine minutes per visit on an e-retail platform.
- **Pictures speak more than words:** One in two visitors browse the image gallery and only 1 in 15 click the detailed product description. Brands and sellers should invest in images and videos and pithy, high-impact product highlights.
- **Product discovery on e-retail platforms:** Consumers are increasingly opting for e-retail platforms for product searches—nearly one in three in India and almost two in three in the US.
- **Vernacular searches are gaining popularity:** As an example, “*Parda*” was one of the top three searches in curtains.
- **Browse, browse, browse:** Online shoppers browse more than 20 product pages before making a purchase—for some categories like mobiles and women’s ethnic wear, consumers browse about 50–60 product pages before purchasing one.
- **Different horses, different courses:** Search attributes and preferences vary significantly across categories and consumers—online shopping data provides interesting insights into specific product preferences of Indian shoppers at a granular level.

Future of online shopping

As Indian e-retail enters the ‘massification’ phase, online platforms are innovating to on-board the next hundreds of millions of shoppers. The next wave of shoppers have different needs and will interact differently compared to the current set of online shoppers. We see four key trends going forward:

- **Voice and vernacular:** The Indian vernacular-language internet user base, which is expected to reach more than 500 million users by 2021 (vs. 200 million English-speaking internet user base in India), increasingly prefers voice search and vernacular-based User Interfaces (UIs). Several vernacular apps like ShareChat, TikTok and Helo have garnered upwards of 50 million users each.

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- **Visual and video:** Video content consumption in tier-2 and smaller towns in India grew more than four times just in the last year. Visual search tools, live-streaming sessions, influencer videos, etc. are gaining significant traction.
- **Social shopping:** For the next wave of online customers, peers and community play a much larger role in influencing purchase decisions than for the current online shopping base. In the last five years, we have seen more than 50 private equity and venture capital (PE and VC) deals in India focussed on social commerce. Pinduoduo is a great example of a successful, scale social shopping enterprise in China that built a strong consumer franchise of over 450 million monthly shoppers within a span of just four years, a lot of them are women and from small towns.
- **Digital ecosystems:** As e-retail evolves, platforms are trying to increase their number of consumer touchpoints to gain a greater customer mindshare. Top e-retail companies have started to develop ecosystems that combine their core e-retail business with sticky customer services such as video streaming, gaming, booking and payments in a single platform or application. Ecosystems attract a huge customer base, which in turn attracts retailers who want easy access to a critical mass of consumers. And customers gain a one-stop shop for all their needs.

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1.

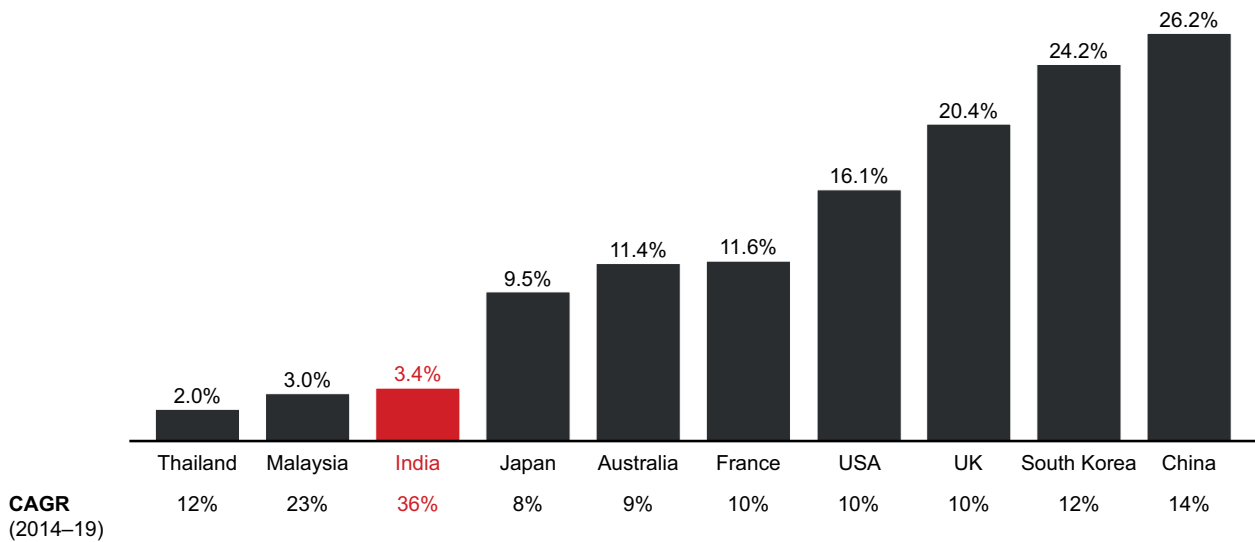
Indian e-retail evolution

- The Indian e-retail industry has seen an upsurge in the last five years with online retail penetration currently at 3.4%, indicating a strong headroom for further growth.
- Covid-19 has caused an inflection in e-commerce penetration globally driven by consumers' need for safety and convenience and even in India, online is gaining salience.
- We expect India's e-commerce growth story to be inclusive—one that empowers the sellers and consumers both. For the consumers, it will provide convenient access to a wide assortment of products across all geographies and income segments. For sellers (kiranans, artisans, traders and homemakers) it will provide an unprecedented impetus, by creating an easy access to a large base of customers across the country and keeping their stores running 24x7.
- E-retail is democratising the shopping landscape, by providing access to more than 95% of India's pin-codes, and empowering Bharat's small sellers while breaking go-to-market barriers for insurgent and incumbent brands.
- Worldwide, e-retail has witnessed a predictable growth trajectory, starting with an increase in shopper penetration triggered by a sharp drop in data prices. This was followed by an increase in shopping frequency, which led to a higher spending per customer.
- China had similar levels of shopper penetration as India, eight years ago, which grew from 8% to 40% triggered by a drop in data prices and improvement in e-retail infrastructure.
- India's e-retail market is at a point of inflection with a steep drop in data prices in the past few years. We estimate the Indian online retail market to grow at 30% CAGR over the next five years serving 300 to 350 million shoppers by FY2025.

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Figure 1: E-retail in India is booming and there is significant potential for further growth

2019 online retail penetration



Sources: Forrester Analytics: Online Retail Forecast, 2018 to 2023 (Southeast Asia); GlobalData; eMarketer; National Bureau of Statistics of China; US Department of Commerce

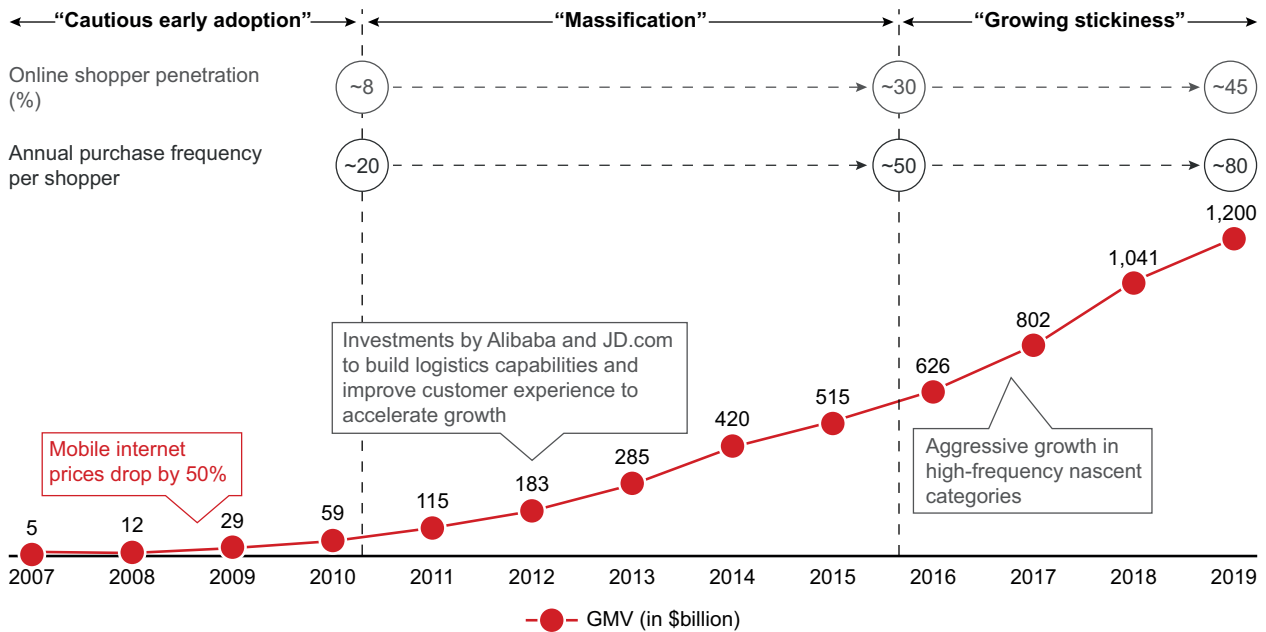
Figure 2: Globally, e-retail has followed a predictable trajectory



Source: Forrester; Bain analysis

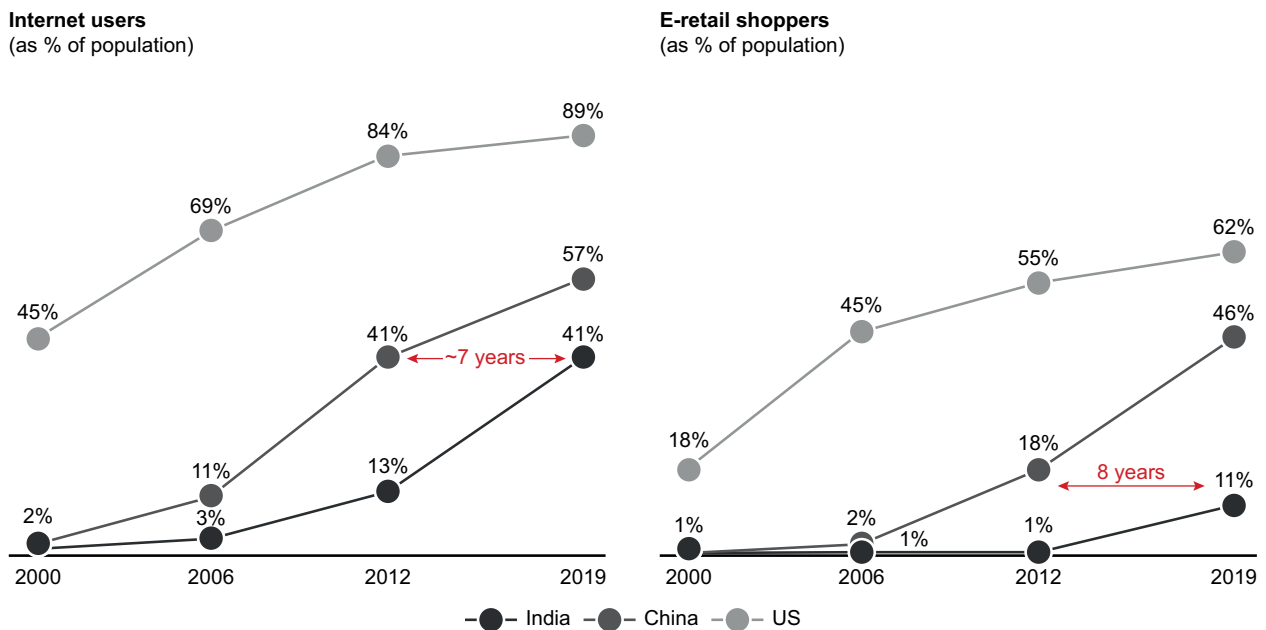
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Figure 3: Increased mobile and internet penetration coupled with improved logistics and payment infrastructure drove Chinese e-retail growth



Note: Online shopper penetration defined as online product shoppers as percentage of total population
Sources: National Bureau of Statistics of China; Forrester; Bain analysis

Figure 4: India trails China by nearly 7 years in internet users and almost 8 years in online shoppers



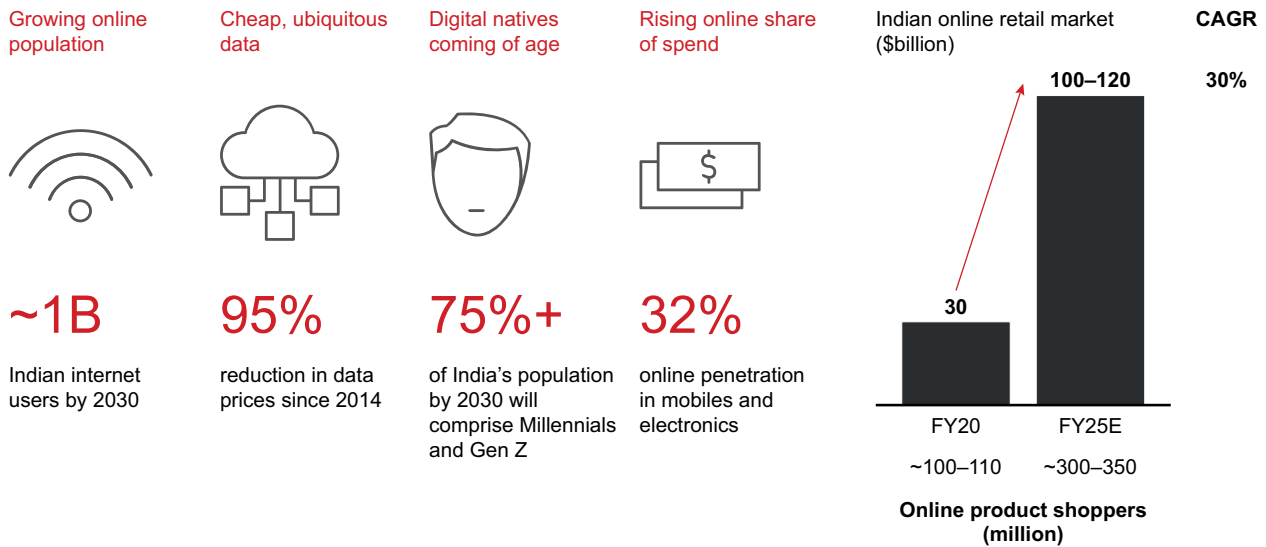
Sources: Forrester; Industry participant interviews; Bain analysis

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Figure 5: E-retail in India is expected to have 300–350M shoppers and \$100–120 billion in GMV by 2025

India exhibiting markers of getting to massive scale in e-retail in line with global benchmarks

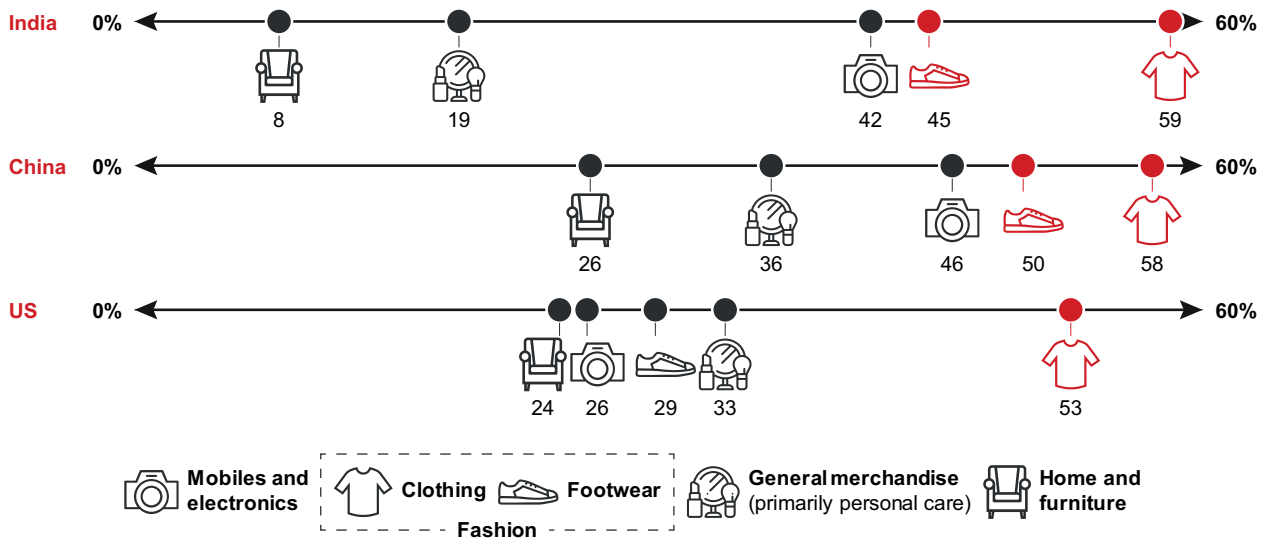
Nearly 30% CAGR expected over the next five years



Sources: Forrester; CRISIL; Future of Consumption in Fast-Growth Consumer Markets: India, Bain & Company and World Economic Forum; Industry participant interviews; Bain analysis

Figure 6: Similar to China and the US, we expect fashion categories to lead in online customer acquisition

% of shoppers by category to all online shoppers (FY2020E)

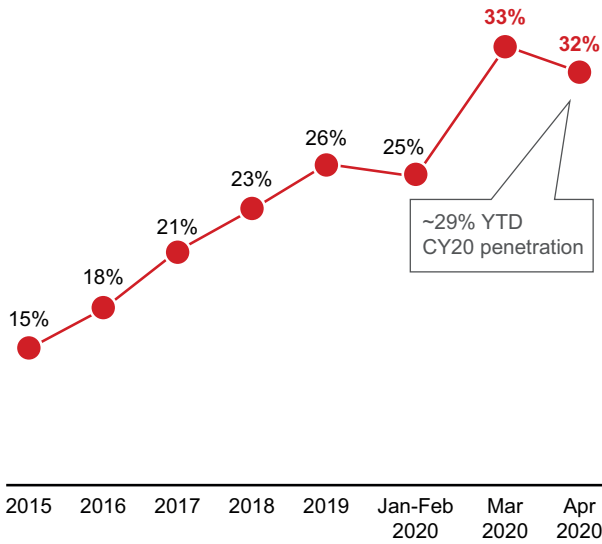


Note: Share of online shoppers by category defined as percentage of online shoppers who purchase a specific category online
Sources: Forrester; Bain analysis

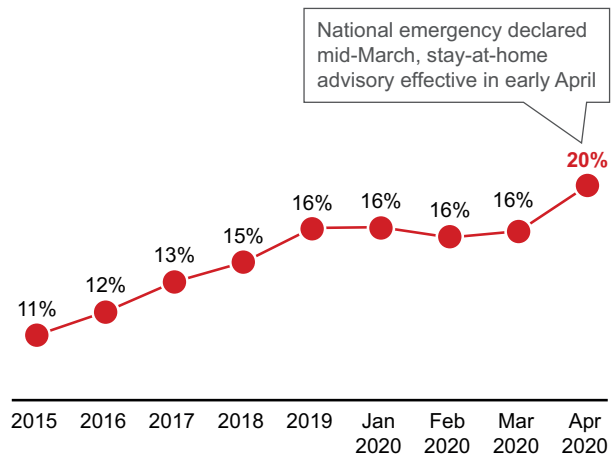
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Figure 7: Globally, e-retail has seen a surge driven by consumers' need for safety and convenience during covid-19

China e-retail penetration (% of retail sales)*

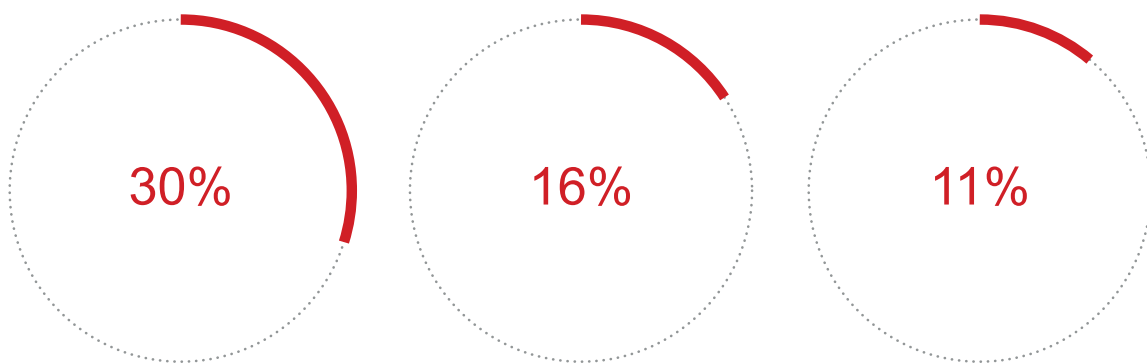


US e-retail penetration (% of retail sales)**



Note: *Total retail sales refers to sales of physical commodity sold by enterprises to individuals; online retail sales include physical goods; Jan–Feb 2020 data available at an accumulated level for China
 Source: U.S. Census Bureau; National Bureau of Statistics, China; analyst reports; Bain analysis

Figure 8: Even in India, online channels are gaining salience



Higher share of wallet

Online shoppers who increased purchases in existing categories

Expanded trialist

Online shoppers who purchased new categories

First time trialist

Consumers who tried online purchases for the first time

Note: Only consumers in urban, high, upper-mid & low-mid income categories have been considered
 Source: Bain-PRICE consumer survey, n=2540, April 1–May 6, 2020

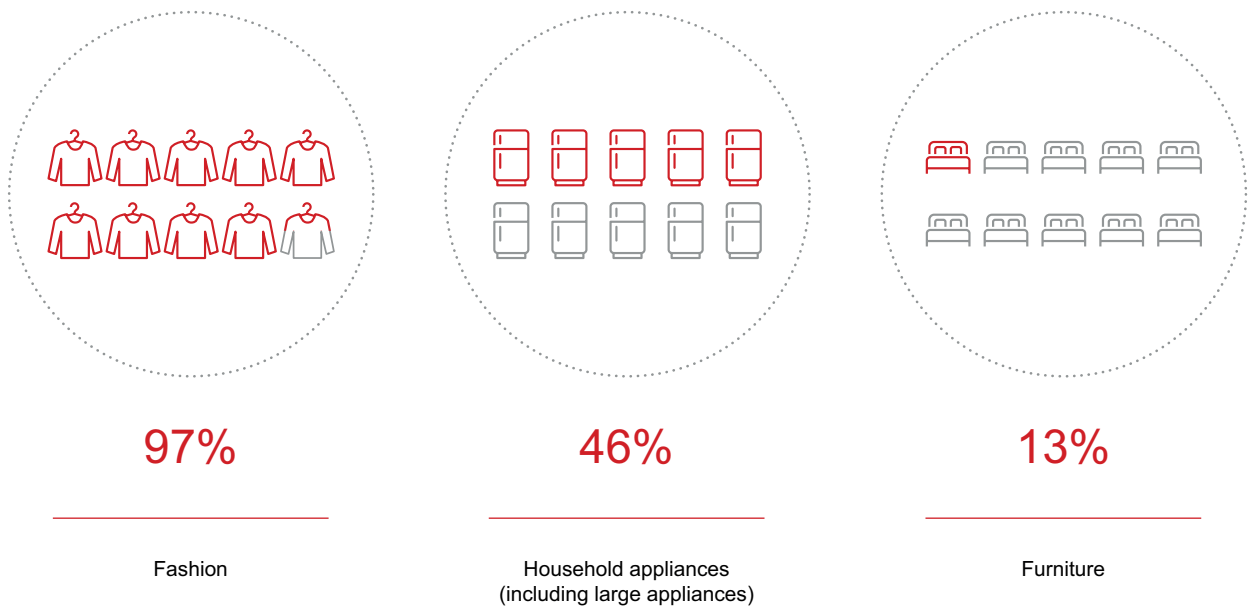
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Figure 9: E-retail has already democratised shopping in India and will further empower sellers and consumers both post-Covid-1



Sources: Industry participant interviews; Bain analysis

Figure 10: 97% postal codes in India ordered at least 1 item online in the last year



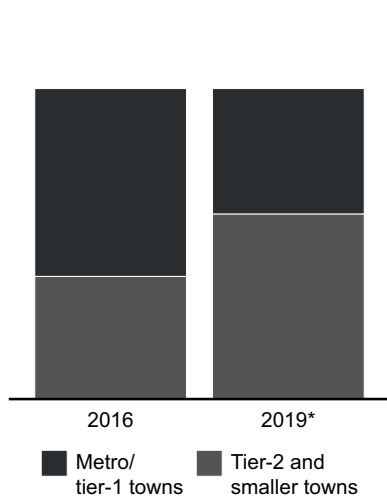
Sources: Industry participant interviews; Bain analysis

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Figure 11: Small town India is turbo-charging growth and accounts for 3 of every 5 online orders

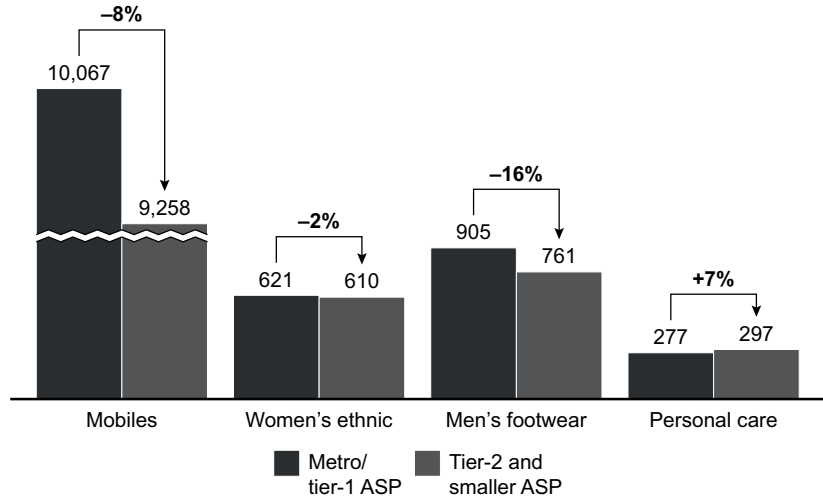
Three of every five orders are from tier-2 and smaller towns**

Split of order volume by city tier (%)



Average selling price (ASP) in tier-2 and smaller towns is only marginally lower than in tier-1/metro cities

Category wise ASP (in INR)

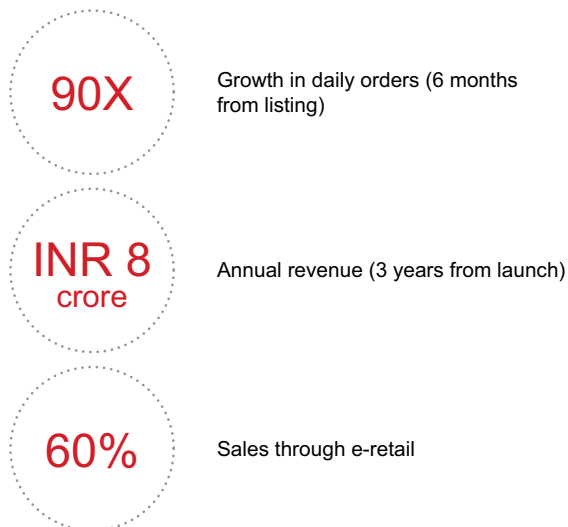


Note: *January-June data considered for CY19; **for leading e-retail platforms
Sources: Industry participant interviews; Bain analysis

Figure 12: E-retail has also empowered Bharat's small sellers

Indian Weave Sourcing

- Leading manufacturer of home furnishings
- Started operations at Panipat in 2013



Ten on Ten

- Women's western wear retailer
- Started operations in 2009 in a garage in Mumbai



Sources: Industry participant interviews; Bain analysis

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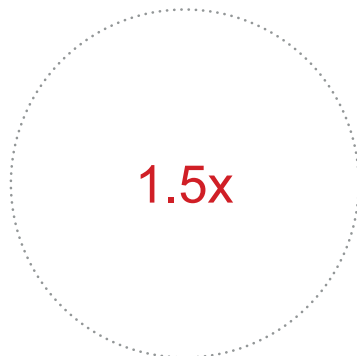
Figure 13: Many digital native brands have grown swiftly

boAt

- **Launched as online-only electronics brand** in 2016; now has 12 lakhs+ unique customers and **INR 100 crore+** sales (~80% online)
- Introduced innovative products by **mining customer and competitor reviews** to identify need gaps (e.g. “Indestructible” mobile charging cable, bass-heavy headphones)
- Built the brand **entirely on digital advertising** and by leveraging celebrities to connect with millennials. Zero spend on traditional media



Units sold daily



Profit margin
(compared to brands such as
Blaupunkt, Portronics Digital)



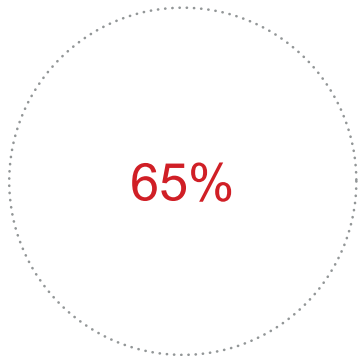
Market share within 2 years
(on leading e-retail platform)

Sources: Industry participant interviews; Bain analysis

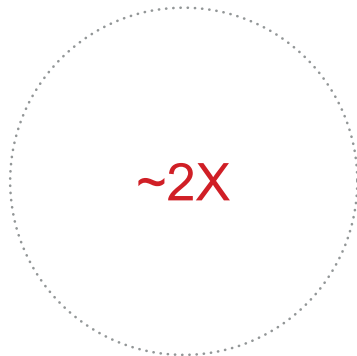
Figure 14: Large, incumbent brands have also successfully tapped into e-retail, especially for new launches

Marico

- Primarily offline FMCG brand with **4–5% online sales**
- **Launched 7 online-first brands** starting Oct 2018 (e.g., **True Roots**, an anti-hair greying product, **Studio X**, a premium male grooming range)
- **Launched a TikTok challenge “#KhuleBaalBefikar”** with top influencers crossing **2.8 billion views in just 3 days**



Test launch sales from non metros
(typically offline product test launch
done in one metro city)



**Growth in online sales
vs. offline sales**

Sources: Industry participant interviews; Bain analysis

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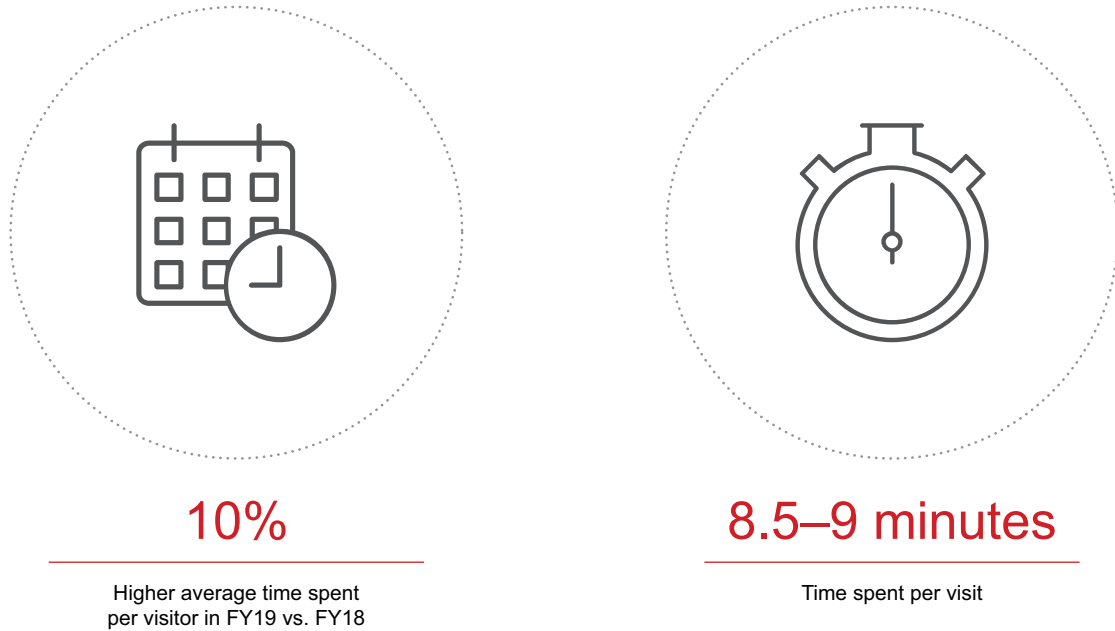


2.

Online shopping journey

- While consumer engagement with e-retail platforms has been growing over the years, brands and sellers have only 9 minutes to win the online shopper.
- Consumers browse 20+ products before making an online purchase; for select categories like women's ethnic wear, they browse approximately 60 products.
- To increase conversion, sellers must invest in high quality product images and high impact summary product descriptions—1 in 2 visitors browse images versus only 1 in 15 read detailed descriptions.
- Searches are also increasingly moving to e-retail platforms (1 in 3 product searches in India already starts on an e-retail platform), with vernacular searches on the rise.
- Online shopping data provides granular insights on online shopping preferences—brands and sellers should tap into this to customise their offerings and communications for higher returns.

Figure 15: Consumer engagement is increasing, but you have only 9 minutes to win the online shopper!



Sources: Industry participant interviews; Bain analysis

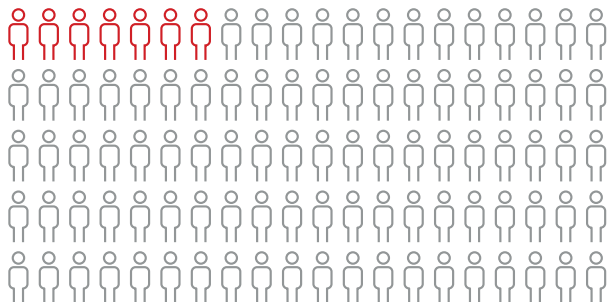
Figure 16: Pictures speak more than words

Engagement with product page features (as % of visits)

1 in 2
visitors browse image gallery



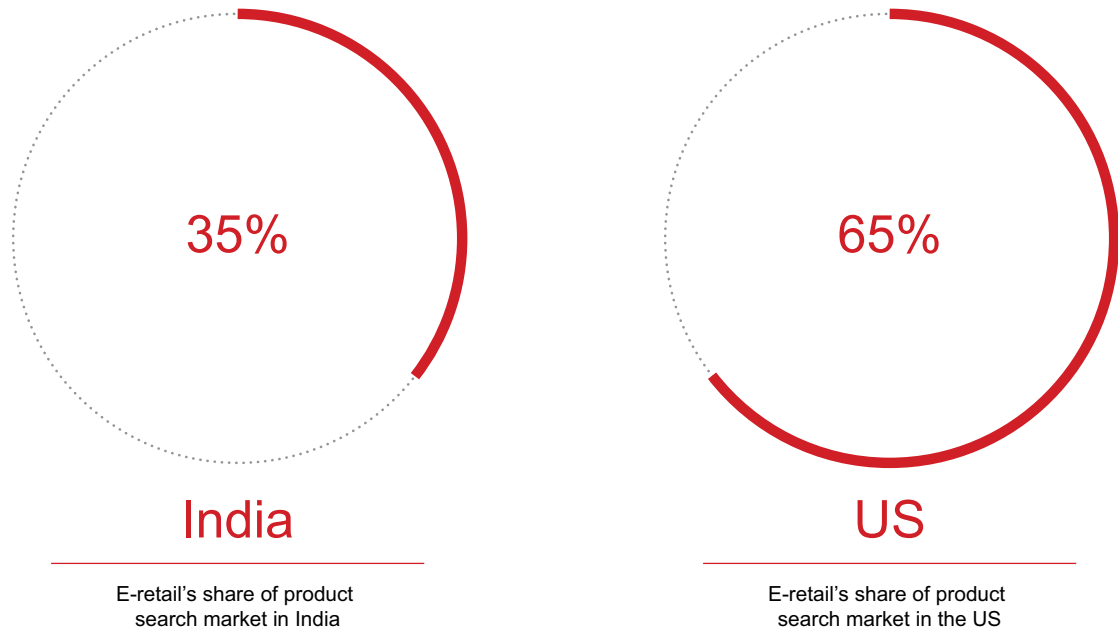
Only 1 in 15
click on detailed product description



Sources: Industry participant interviews; Bain analysis

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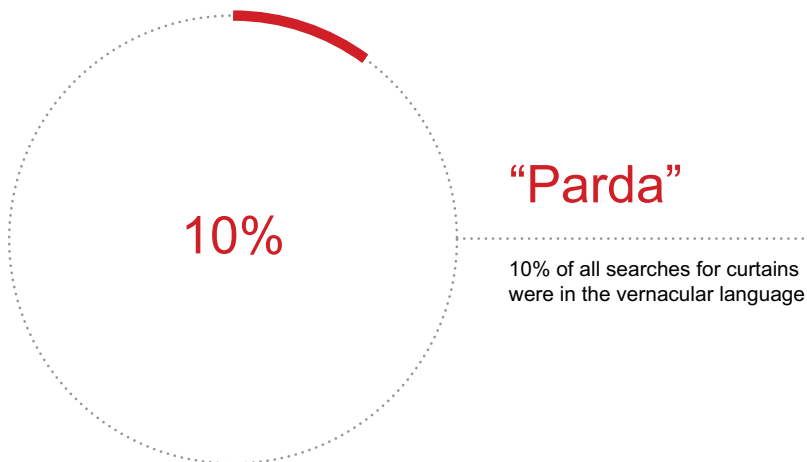
Figure 17: Product discovery is increasingly happening on e-retail platforms



Sources: Industry participant interviews; Bain analysis

Figure 18: Vernacular searches are gaining popularity

Regional language searches for curtains (as a % of total searches)



Top 5 searches

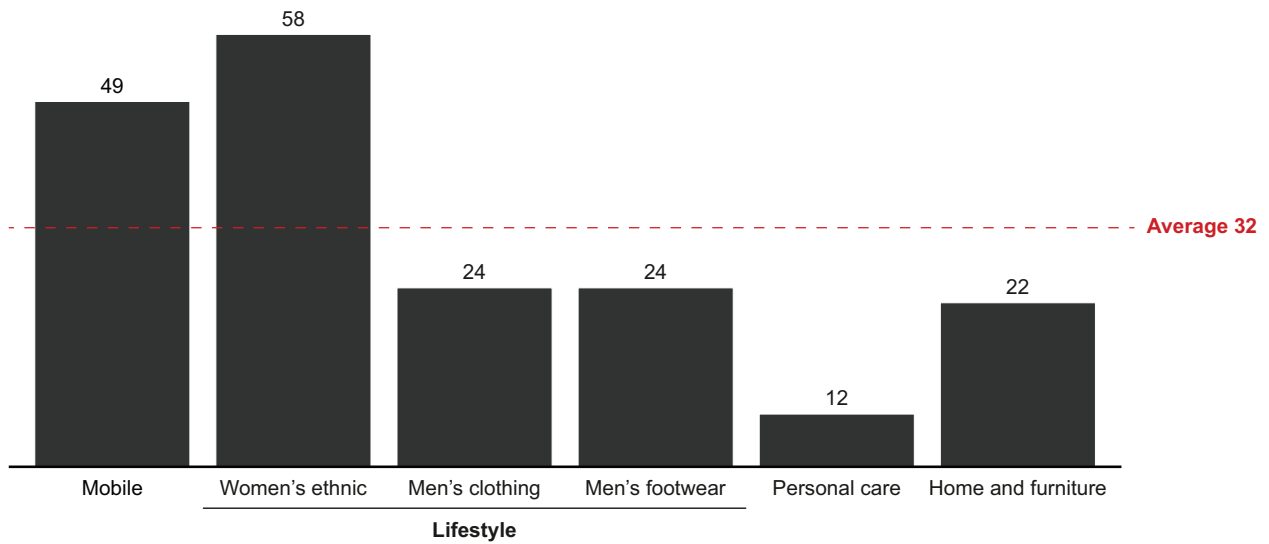
1. Window curtains
2. Door curtains
3. **Parda**
4. **Parda set**
5. Curtains long door

Sources: Industry participant interviews; Bain analysis

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Figure 19: Shoppers browse at least 20 product pages for most categories

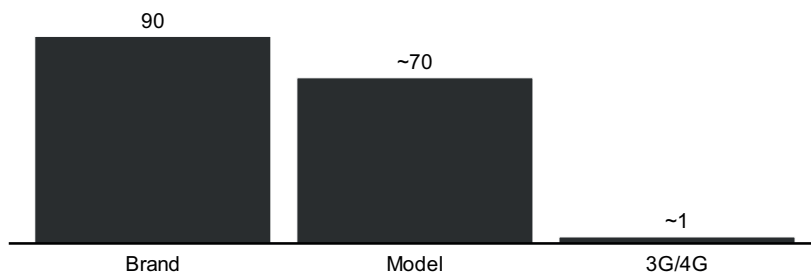
product page views (PPVs) per customer before making a purchase



Sources: Industry participant interviews; Bain analysis

Figure 20: Mobiles shoppers search primarily by brand and by model

Top 3 attributes searched (as % of total searches)



Top 5 searches

1. Redmi Note 7 Pro
2. Realme 2
3. Samsung mobiles
4. Redmi Note 6 Pro
5. Realme 2 Pro

Fun facts



India loves buying mobiles online

90+ mobiles sold per minute on leading e-retail portals



Mobiles are the festive cheer

Peak demand during festive sales is ~70x of pan-India hourly average



(Mobile) Life is colourful!

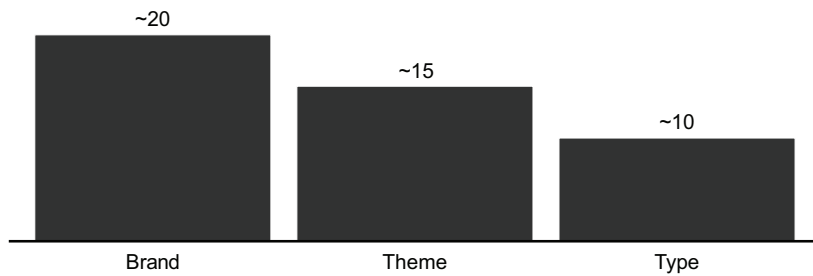
Only 2 of 5 mobiles sold are black; blue and gold are other popular colours

Sources: Industry participant interviews; Bain analysis

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Figure 21: In men’s clothing, brand and theme are popular searches

Top 3 attributes searched (as % of total searches)



Top 5 searches

1. Full sleeve T-shirts
2. PUBG T-shirts
3. Adidas T-shirts
4. Couple T-shirts
5. Apna time aayega T-shirt

Fun facts



Slim is large

Almost two-thirds of pan-India online t-shirt sales are slim fit



Kolkata loves T-shirts

Kolkata buys 2x of Chennai, 4x of Mumbai and 7x of Ahmedabad (per capita)



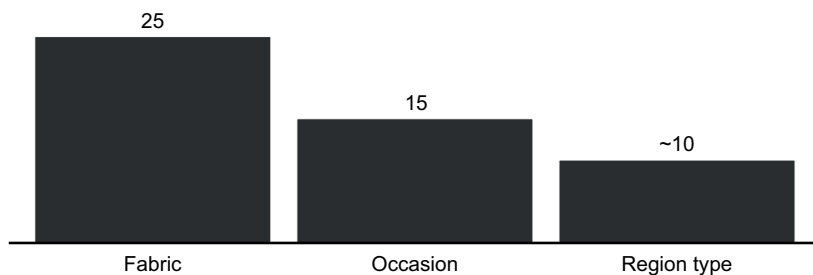
Tier-2 power

T-shirt sales in Cuttack, Gorakhpur and Agartala are comparable to Ahmedabad and Gurgaon despite 4–5x population

Sources: Industry participant interviews; Bain analysis

Figure 22: Occasion and fabric are key searches in women’s clothing

Top 3 attributes searched (as % of total searches)



Top 5 searches

1. Sarees for wedding
2. Cotton sarees
3. Sarees party
4. Sarees chiffon
5. Silk Saree

Fun facts



All that glitters is silver

Women pay 50% more for a silver saree vs. a non-silver one



Kanji is the queen

1 out of every 5 sarees sold online is Kanjivaram



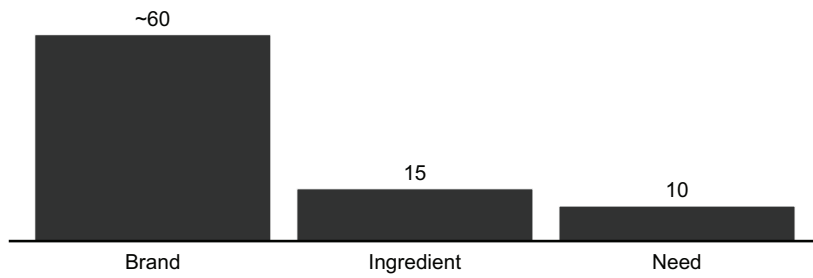
Bihar high on heels

Within heels, Bihar’s share of high heels is 1.5x of India average

Sources: Industry participant interviews; Bain analysis

Figure 23: Personal care searches driven by brand preferences

Top 3 attributes searched (as % of total searches)



Top 5 searches

1. Charcoal face mask
2. Himalaya face wash
3. Lakme CC cream
4. Biotique
5. Lakme fairness cream

Fun facts



Grooming is in!

1 of 3 shoppers repeat their purchase next month in personal care



Men 'care'

Men account for 45% of shoppers in personal care

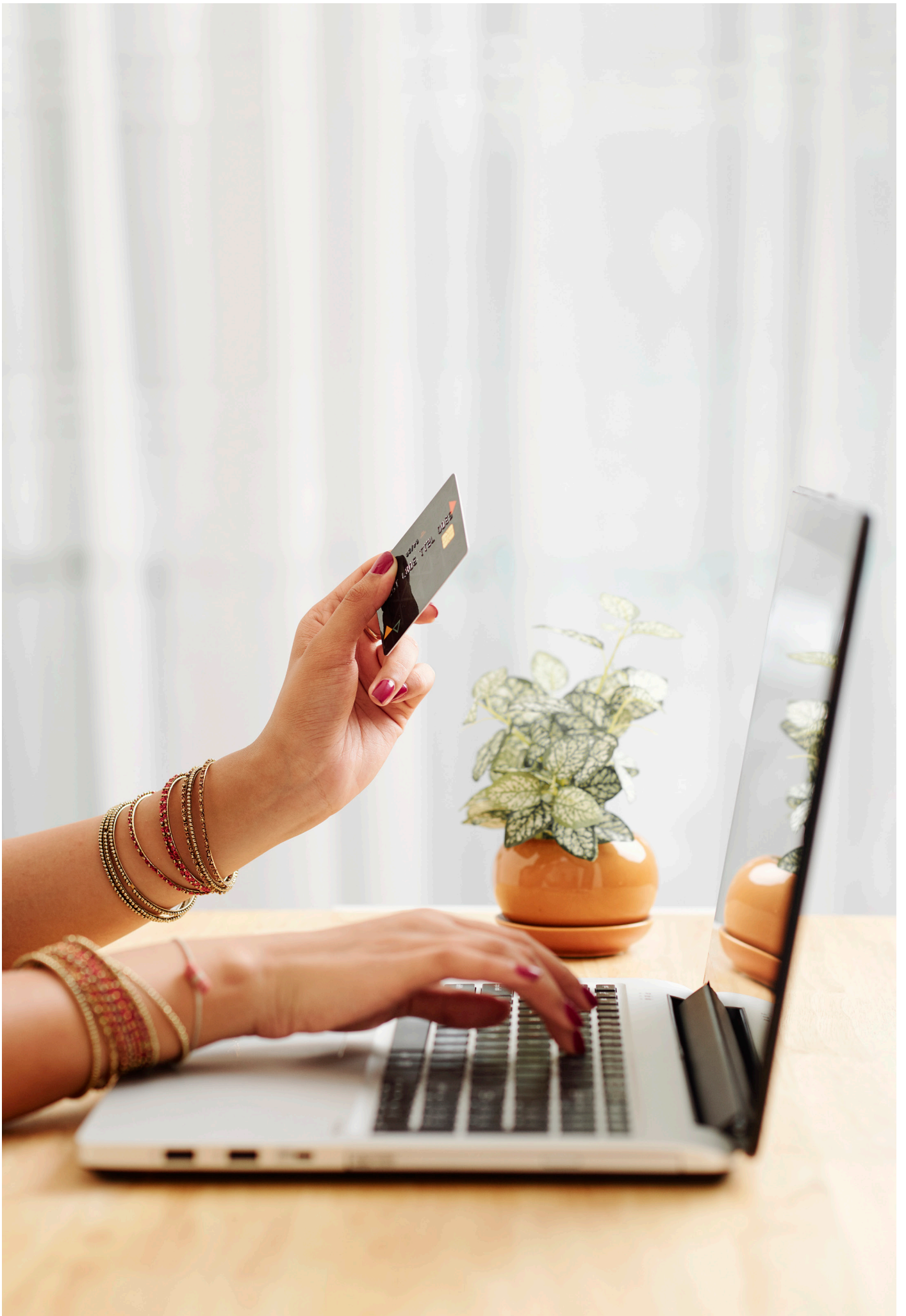


Tier-2 on the rise

Baby care sales in Aizawl, Guwahati and Jalandhar combined are comparable to Gurgaon and Pune despite 1.5–2x population

Sources: Industry participant interviews; Bain analysis

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3.

Future of online shopping

- The online shopper landscape is rapidly changing with an increasing share of tier-2 and smaller town consumers. E-retailers are investing across four key areas to win the next wave of Indian shoppers:
 - Voice and Vernacular: By 2021, 500 million vernacular speakers are expected to be online, versus 200 million English speakers—number of voice searches on Google has almost tripled in the last year.
 - Visual and Video: Video consumption in tier-2 and smaller towns in India grew 4x in the last year.
 - Social Shopping: 50+ private equity and venture capital investments in social commerce were closed in the last five years. In China, e-retailers are trying to win women shoppers in tier-3 and tier-4 towns through social shopping.
 - Ecosystems: Multiple digitally-led ecosystems are emerging in India as online retailers try to tap into more customer purchase occasions and win a higher share of their time and spending.
- Digital has scaled up from the experimentation phase. Brands should evaluate their readiness across seven key levers to win online.

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Figure 24: E-retailers are innovating to attract and serve the diverse Indian online shopper base



Sources: 'Year in Search – India: Insights for brands', Google, May 2019; Tracxn database; Bain analysis

Figure 25: Voice and vernacular are key to win the next wave of shoppers

Voice search



28%

Share of voice based searches on Google (2017, India)

JD.com & Alibaba integrated shopping and search platforms to support voice-enabled smart speakers

Vernacular user interface



500M

Indian language internet users expected by 2021 (vs. 200M English users)

ShareChat & Helo offer regional content in 14 languages and have garnered 50M+ users each

Amazon and Flipkart launched Hindi version of their platforms

Sources: Google for India 2018 conference; Industry participant interviews; Bain analysis

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Figure 26: Visual searches & livestreams are critical to product discovery

Visual search



600M

Monthly visual searches on Pinterest's Lens camera in 2018

Taobao leverages visual search engine **Pailitao** to enable searches using a simple photograph

Video streaming



\$15B

GMV generated by Taobao's livestreaming sessions in 2018

TikTok allows influencers to link products on Taobao to offer seamless video purchase experience

BulBul.tv is an Indian live video shopping app which allows users to interact with hosts and buy products

Sources: Industry participant interviews; Bain analysis

Figure 27: In China, Pinduoduo was a pioneer in social shopping, introducing group buying and gamification



Created a WeChat mini-app

Piggybacked on WeChat's 1B+ users and payments tech



Bargain for group discounts

Users can ask their friends to help bargain for lower prices



Sign up friends to get free products

Products are offered for free if enough new users install the app and sign up



Invite new users

Users are rewarded with a red envelope (i.e., RMB 5–20) for inviting friends



Activate a group lottery

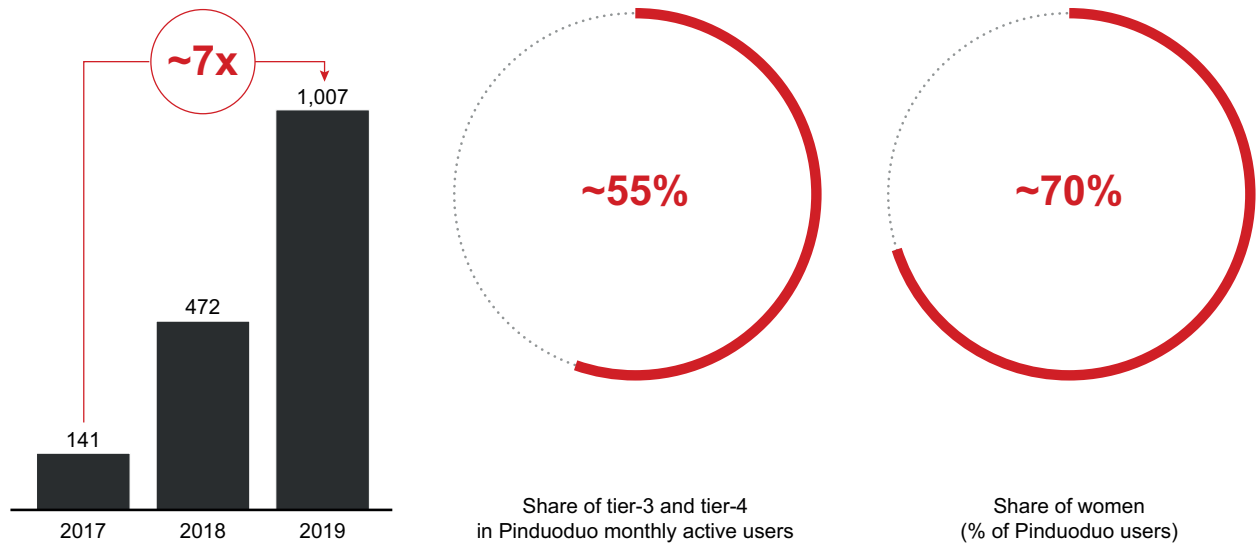
Users pay a small entry fee (RMB 0.01) to enter a lottery and invite friends

Sources: Industry participant interviews; Bain analysis

How India Shops Online

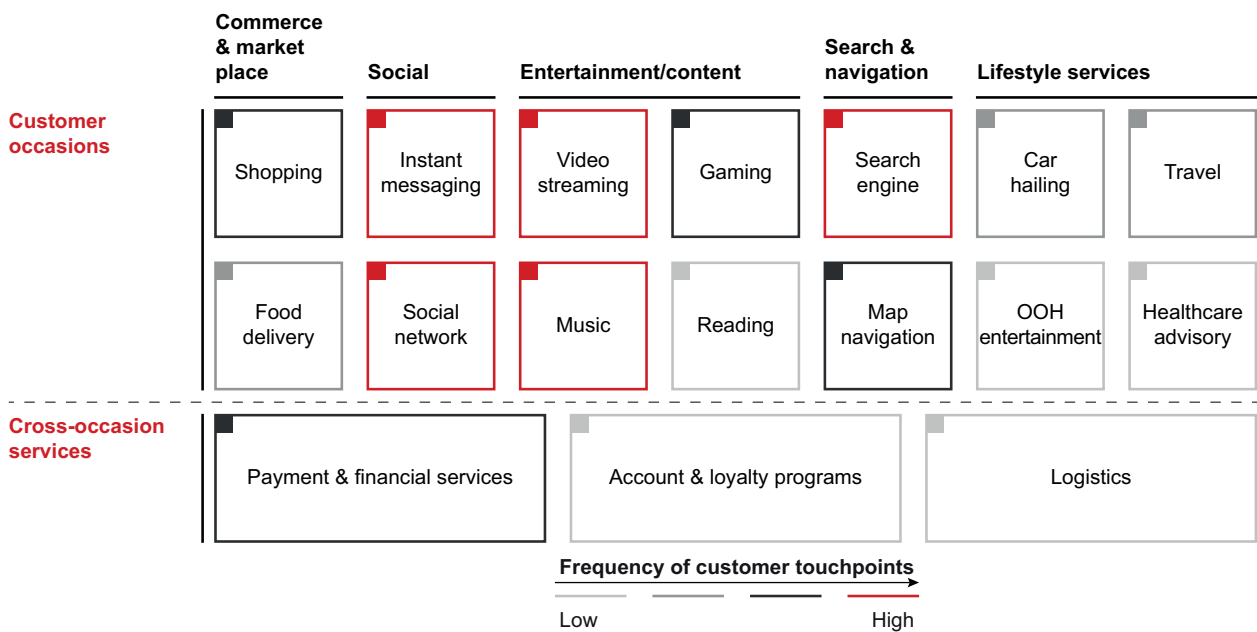
Figure 28: Pinduoduo rapidly scaled this social shopping model especially in tier-3/tier-4 markets and women shoppers

Pinduoduo GMV (RMB B)



Sources: Pinduoduo annual report 2019; HSBC; Jefferies; UBS; Industry participant interviews; Bain analysis

Figure 29: Retailers are tapping into all online customer occasions to create an ecosystem of sticky propositions

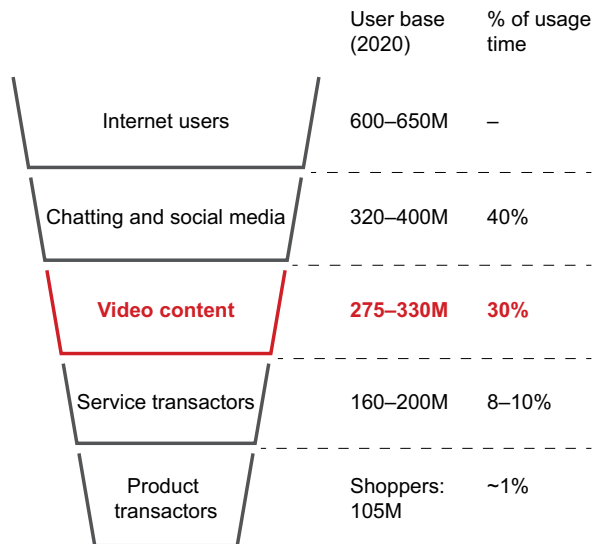


Source: Bain & Company

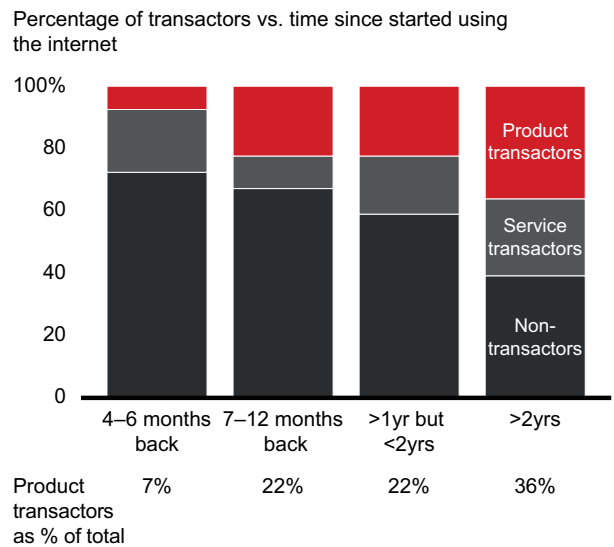
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Figure 30: Chat, social media & video have high customer time share which can be tapped into to drive product transactions

Consumers spend 30x time consuming video content vs. product shopping in India today

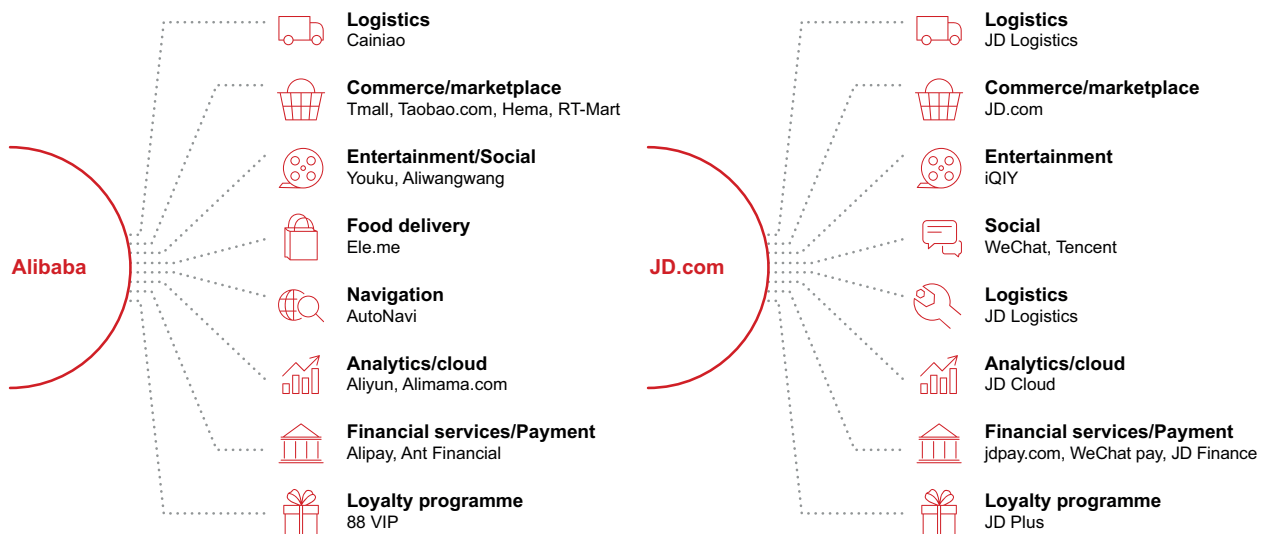


Higher share of product transactors with increasing online maturity



Sources: Industry participant interviews; Bain analysis

Figure 31: In China, JD and Alibaba have developed open ecosystems



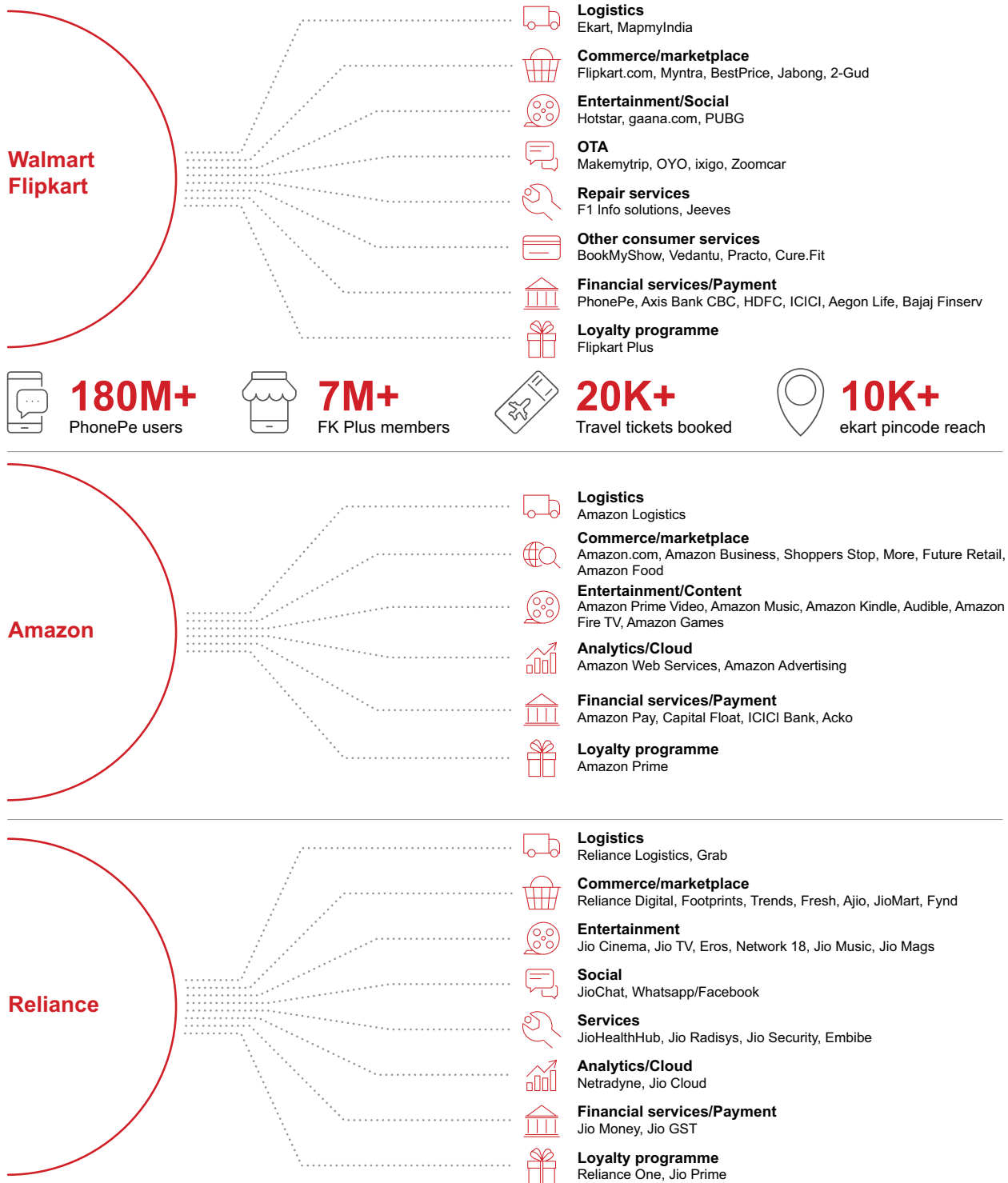
- Alipay has 1.2B active users
- AutoNavi has ~12% share of China's mobile navigation app market

- WeChat has 1B+ monthly users and offers messaging, video, payments, OTA services among others

Note: List of companies/offerings in the ecosystems are not exhaustive
Sources: Industry participant interviews; Bain analysis

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Figure 32: E-retailers are also building ecosystems in India



Note: List of companies/offerings in the ecosystems are not exhaustive; includes partnerships and acquisitions
Sources: Industry participant interviews; Bain analysis

Brands should evaluate their readiness across seven key levers to win online**Optimal online assortment**

- Range-width depending on category dynamics
- Modified pack sizes and combos for the online buyer

**Right operating model**

- Complementary assortment across channels/sellers
- Synergistic roles of channels (marketplace, own site)

**Product and supply chain execution**

- Highly rated products—good quality
- Supply chain: Fill rate, promised vs. actual delivery timeline
- Good, discreet packaging
- Low returns relative to the category

**Kicking off the marketing flywheel**

- Marketing mix optimisation and content hyper-personalisation (including vernacular)
- Inorganic/paid visibility
- Organic visibility—content, search engine optimisation, conversion
- Role of influencers and digital-specific advertisements in improving engagement

**Conversion**

- Descriptive product display pages with the right mix of images, videos and pithy product summaries
- Appropriate pricing

**Consumer insights feedback loop**

- Leverage e-retail's granular consumer data and ability to do rapid prototyping, A/B testing, etc. to accelerate new product launches/improvements and improve targeting and go-to-market efficiencies

**Organisation implications**

- Coordination across digital merchandising, content, supply chain, DTC, technology, aligned capabilities, budgets, incentives
- Agile cross-functional teams trained in winning in digital

About the authors

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