ANNUAL MEATIN MEATIN MEAT DI ONE PLATE

March 3-5, 2019 | Hilton Anatole | Dallas, TX



FOUNDATION FOR MEAT POULTRY RESEARCH EDUCATION D.

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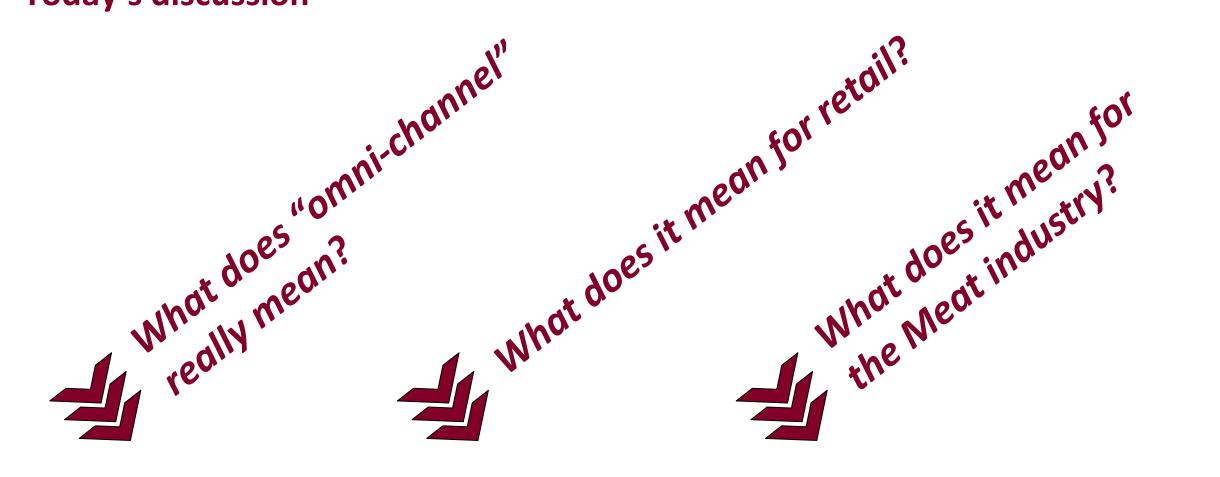






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Today's discussion





Once upon a time, there were 'online' and 'offline' retailers

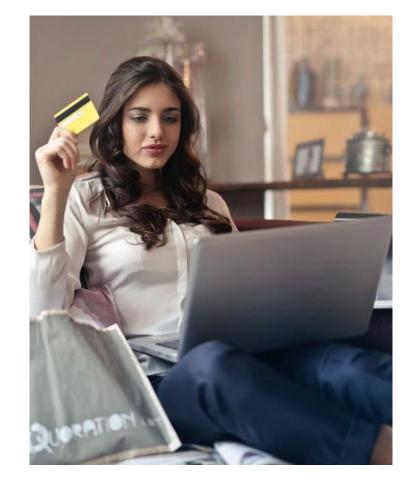


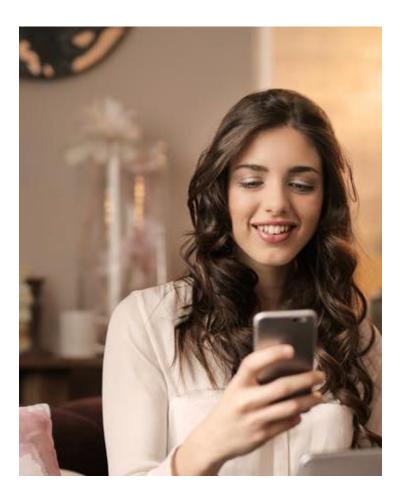




... but now the same customers want different shopping experiences









Shopping for and receiving products and services across these different experiences = 'Omnichannel'



Purchase

In store

At home

(or anywhere)



In store



Showroom



At home

Receive

The rise of online and omni-channel...





Not so fast! Online retail is not new... but online grocery share is still quite low today



of consumers buy groceries frequently online today





There is a high amount of 'latent demand' blocked by hassles





Technology will eliminate many of these hassles while reducing cost

| | Challenges | Solutions | Example |
|---------------------------|---|---------------------------------|-----------------|
| Easier to build basket | Shopping experience build around item selection | Plugins for featured products | TASTY |
| | | Recipe boxes on subscription | Hello FRESH |
| Better value | Expensive fulfilment of individual orders | Automated picking technologies | ocado |
| | | In-store order fulfilment | 🥕 instacart |
| | High delivery costs for fresh and refrigerated products | Passive cooling | TEMAX |
| | | Food freshness tracking | Ctimestrip |
| Delivery was faster | Infrequent drops | Retailer-logistics partnerships | 😌 stuart |
| | | Dynamic routing | COGEPART |
| | Delivering fresh products when customers are away from home | Refrigerated lockers | Penguin Lockers |
| | | In-home delivery service | Cugust |





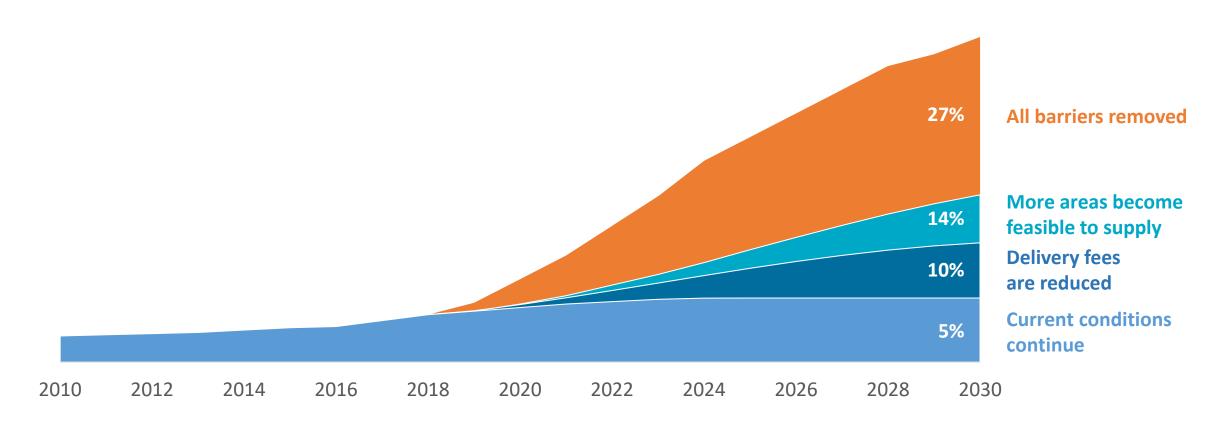
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Audience Vote: Food online penetration by 2030?

20% 30% 10% 40% 50%+



We expect for online share of grocery to grow significantly by 2030



Source: 2018 Oliver Wyman Digital Shopping Model





However, customer definitions of 'online' are becoming more 'phygital'

"

I order through an app and pick up goods in a store

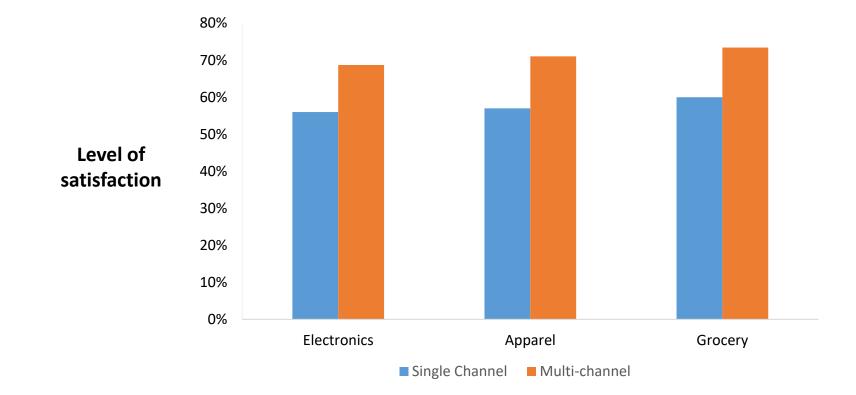
"

I use my grocer's app to chat with their nutritionist on what I should buy I build a shopping list in my local grocer's app and pick it out myself

I get an email update when my grocer has new mealkits in store



Omni-channel will become more prevalent – even today, customers are happiest when they shop online <u>and</u> offline for food



Sector of shopping





Stores will continue to be a focal point for grocery shopping





...with store formats evolving to meet different shopper needs and occasions







...as well as playing an increasing role in omni-channel fulfilment

In store picking



Dark stores and **Central Production**



Drive up formats

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'Stores' will not look the same as they have in the past

Easier to shop

Less expensive to operate

Monetized in new ways

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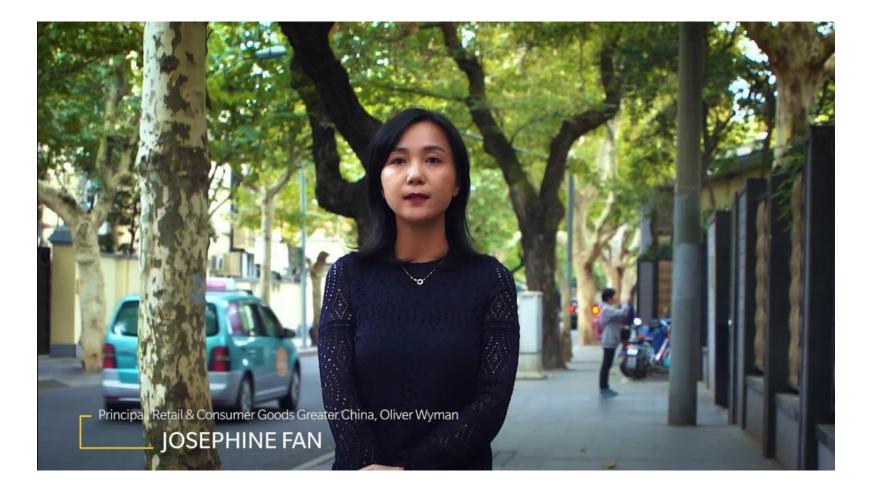


Photo sources: https://www.forbes.com/sites/andriacheng/2019/01/13/why-amazon-go-may-soon-change-the-way-we-want-to-shop/#461706a86709; https://thespoon.tech/ahold-delhaize-orders-up-nearly-500-floor-roaming-robots/





Much of this has already come to life – e.g. the "O2O" model in China



So we know the future is omnichannel! What does that mean for the retail industry broadly?



This is all easier said than done – there are new challenges for everyone



Offline retailers must be able to...

- Pick individual orders
- Deliver to the last mile

• ...

• Design ways to choose via search engine



Online retailers are learning...

- Manage a customer-service oriented workforce
- Design a shelf planogram
- Determine store level production and ordering

• ...

... and will redefine what success looks like in retail



Partnerships (and M&A) are a key enabler



EL, Alibaba Group











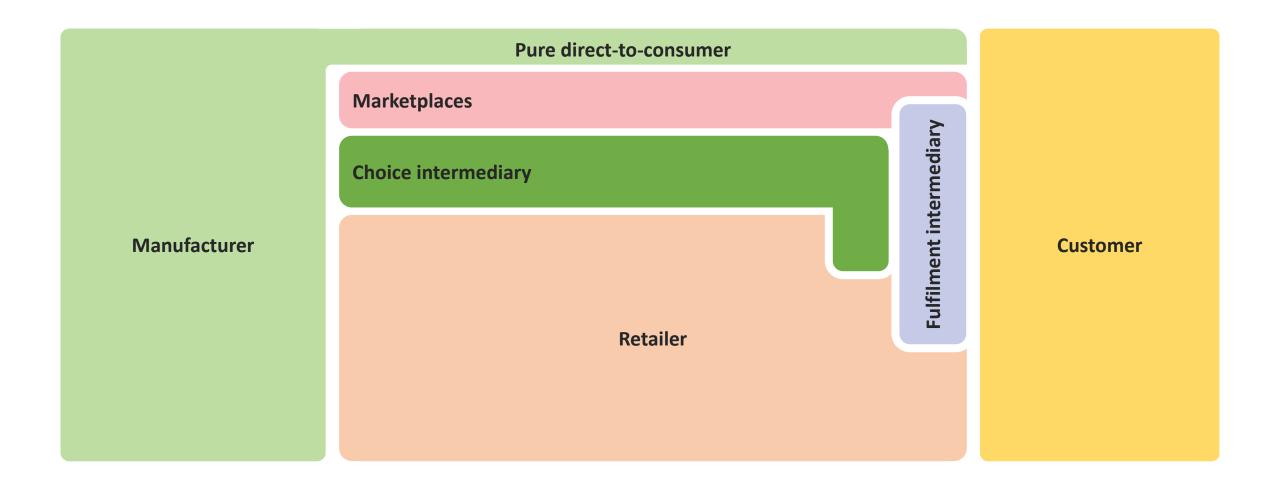
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The retail value chain has been relatively simple historically...





... and these partnerships mean the value chain is getting more complicated







POULTRY

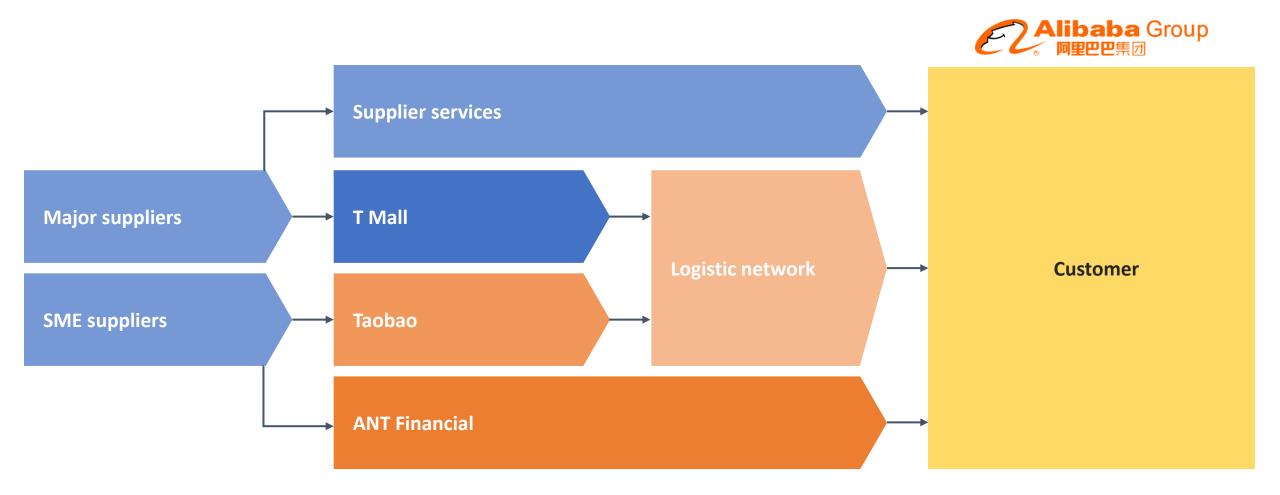
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Disintermediation by suppliers with new direct to consumer models





Disintermediation by suppliers with new direct to consumer models







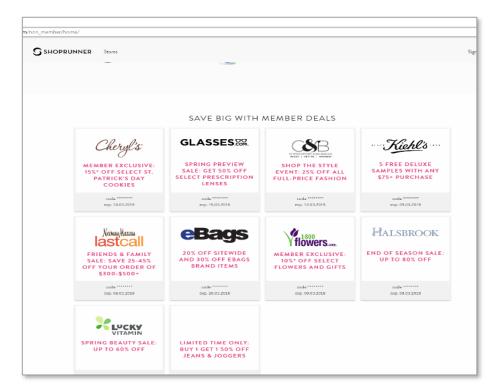


Reintermediation by fulfilment intermediaries



- Free two-day shipping, with no minimum order
- Track orders across multiple retailers and shippers in a single interface
- Access to exclusive deals
- Memberships are \$79 per year

Sample ShopRunner deals direct customers to certain partner retailers









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Reintermediation by new choice intermediaries

TODAY

- "Add eggs to my shopping list"
- "Buy dog food to arrive by Friday"
- "What is expiring today?"*
- "What fruit do I have?"*
- "How old is the fish?"*



* Functionality provided by integration with the Chefling app

IN THE FUTURE...

- "Where's the cheapest place to buy this weekend's recipes?"
- "I get home late tonight should I order a restaurant delivery, or is there anything in the fridge?"
- "Dinner party this Saturday for eight – and one vegan!"





These changes to the value chain will be the longer-term industry shake up that result from omnichannel retail in grocery







In the face of these changes, there are four key strategies







Focus on innovation and new product development

Partner with or build your own **value chain disruptor offer**

Create (and/or support) differentiated shopping experiences



Improve capabilities and radically reduce cost to fund investments









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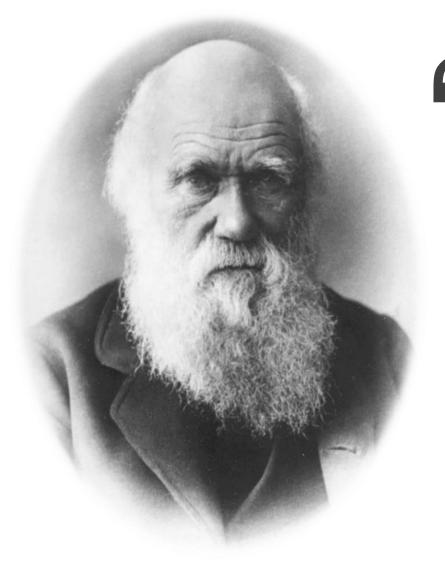
What does it all mean for Meat?







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It is not the strongest species that survive, nor the most intelligent, but the most responsive to change Charles Darwin





DUCATION

Fresh food is more important than ever in grocery retail



of customers regularly buy groceries at the retail store they consider to be "the best place to buy fresh products"¹

Source: Oliver Wyman Global Fresh Study



The same general plays for thriving are also want customers want today

Product development Assortment **Improve capabilities** Quality Differentiated Product presentation shopping experiences Product availability **Improve capabilities**

Top drivers of satisfaction in meat

Source: Oliver Wyman Global Fresh Study







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Innovative and on trend products



Product development













Disruptor offers – Meal kits and meat based solutions



Product development

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THE VOICE OF FOOD RETAIL



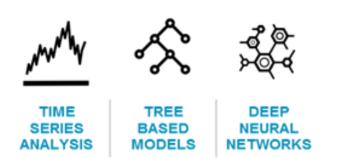




Improving capabilities to improve efficiency and radically reduce cost



Unleashing AI/ML



e.g. Machine Learning Demand Forecasting

Radical simplification



e.g. ZBX

Collaboration and scale



e.g. Buying alliances





"Omni-channel friendly" packaging



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Shopping experiences



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Differentiated shopping experiences







Fresh and in-store gastronomy at the heart of the new Albert Heijn XL flagship stores Service counters with ample possibilities to test fresh products at new flagship store Edeka Zurheide in Düsseldorf







A few questions to take back to your day jobs

- Look hard at costs and capabilities How are you generating the significant funding needed to invest in growth? Where do you need to build or find new capabilities to enable that growth?
- Double down on the product What does your innovation process and pipeline look like? How customerled is your approach?
- Be obsessed about the customer and experience Do you understand who you are targeting and their purchase journey? How does that get brought to life in store and online?
- Find your partners Who are you partnering with today? Are you actively scanning/pursuing partnerships?

The journey starts today...



THANK YOU

