# Mastering E-commerce Recommendations



# Agenda

- 1. About Raptor
- 2. Why Website Personalization
- 3. The data behind it
- 4. Essential setup for Website Personalization

# **About me**



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# Raptor Services A/S – From the beginning









2009

Raptor Smart Advisor v1 developed for Danish eBay



### 2010

The product is commercialized First client cases



### 2012

Strategic decision to focus on Raptor Smart Advisor



### 2013

Raptor Services A/S founded





### 2018

"Best E-commerce Tool" 2nd Place at FDIH



### 2017

Microsoft Gold Partner



### 2016

Global Expansion with 800+ clients in 40+ countries



### 2014

First customers outside of Denmark



### 2018

Among 200 selected EMEA companies

### 2018

Opening office in Bucharest, Romania

### 2019

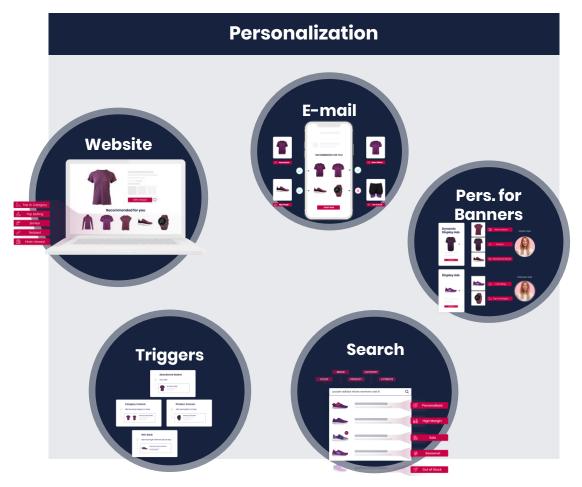
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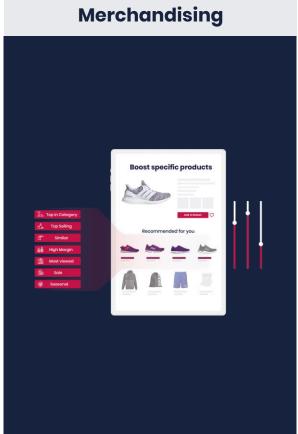
### 202

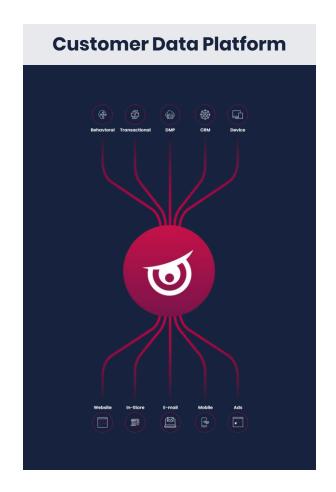
QNTM (ALTOR) as new majority shareholder



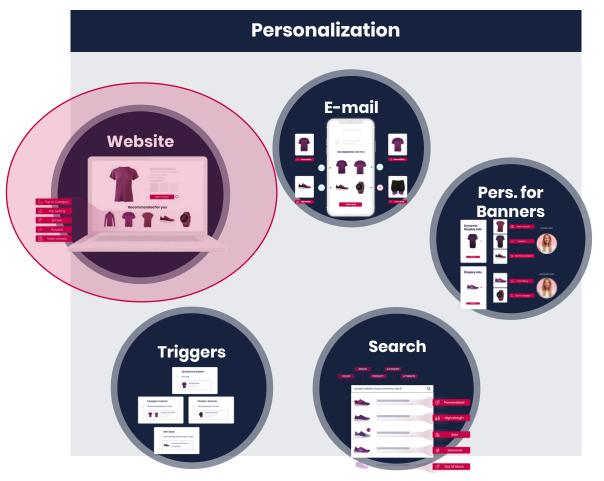
# **Product suite**

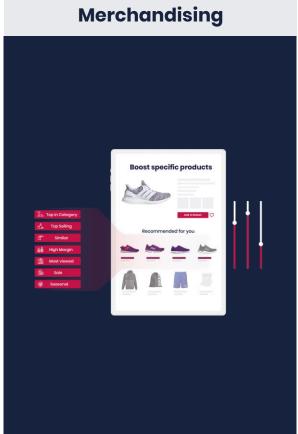


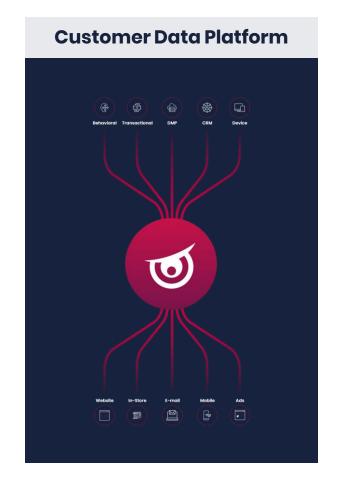




# **Product suite**







### **ONLINE EVENT**

# Mastering E-commerce Recommendations



# Why Website Personalization?



Increase revenue



**Drive conversion and cross-sales** 



Increase user experience



Save time on manual work tasks

# Implementation: Step-by-step

- 1. Setup tracking script on your website to monitor customer behaviour
- 2. Ingest historical purchase data to warm up the algorithm
- 3. Fine tune the Raptor recommendations module
- 4. Setup recommendations strategies on your website using the Raptor Recommendations API
- 5. Adjust and monitor recommendations performance in the Raptor Controlpanel

# Sources for good recommendations

### **Behavioural website tracking**

- Product preferences (on master and variant-level)
- Brand & Category preferences
- Price point/sensitivity
- Person identificators: Cookield, Memberld, Accountld, E-mail, Phonenumber etc.

### **Product information**

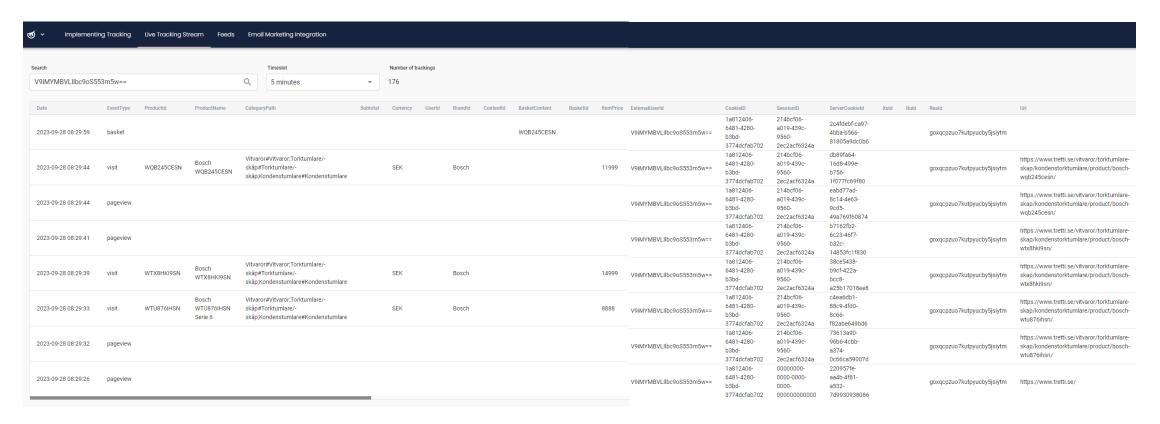
- StockStatus (true/false or actual number)
- · Gross margin

### Physical store data (if available)

- Product preferences (on master and variantlevel)
- Brand & Category preferences
- Price point/sensitivity
- Person identificators: Memberld, Accountld, E-mail, Phonenumber etc.
- Location
- · Favourite store

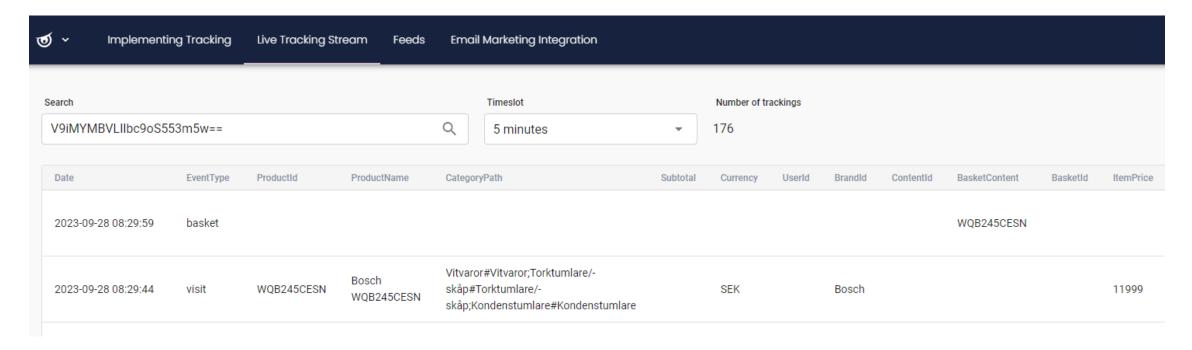
### What does data tell us?

### **Snapshot from Live Tracking Stream in Raptor Control Panel**



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### **Snapshot from Live Tracking Stream in Raptor Control Panel**



# Differences between B2B and B2C



- Low frequency
- Based on one user
- Access to full product catalogue
- Same price for all
- Many guest check-outs

# **B2B**

- High frequency
- Based on multiple users
- Access to a limited product catalogue
- Customer-specific prices
- Requires login for check-out

# **Essentiel setup**

### Front page:

- Personal recommendations
- Top selling products
- Trending right now
- Top visited products
- Personalized Offers

### **Category pages:**

- Top selling in category
- · Top viewed in category
- Trending categories

### **Brand pages:**

- Top selling in brand
- Top viewed in brand
- Trending brands

### **Product pages:**

- Similar products
- Related products
- Last seen products
- Related content

### **Powerstep:**

Related products

### **Basket:**

· Related for basket

### **Account page:**

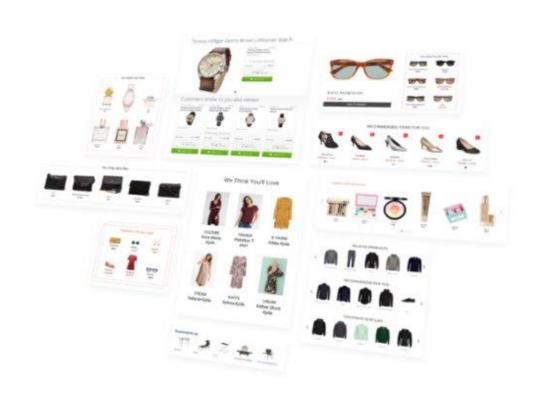
- Top selling user products
- Personal Recommendations
- Personalized Offers

### Content front page:

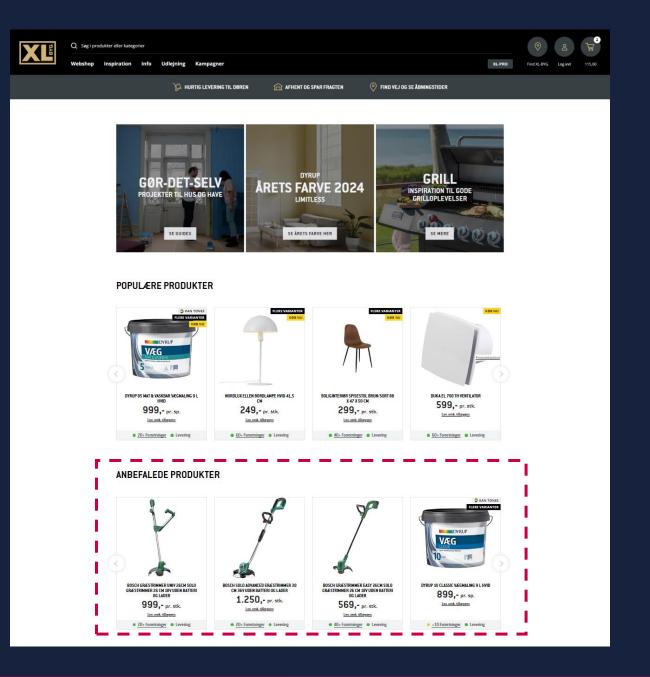
- Top read content
- Personalized content

### **Content pages:**

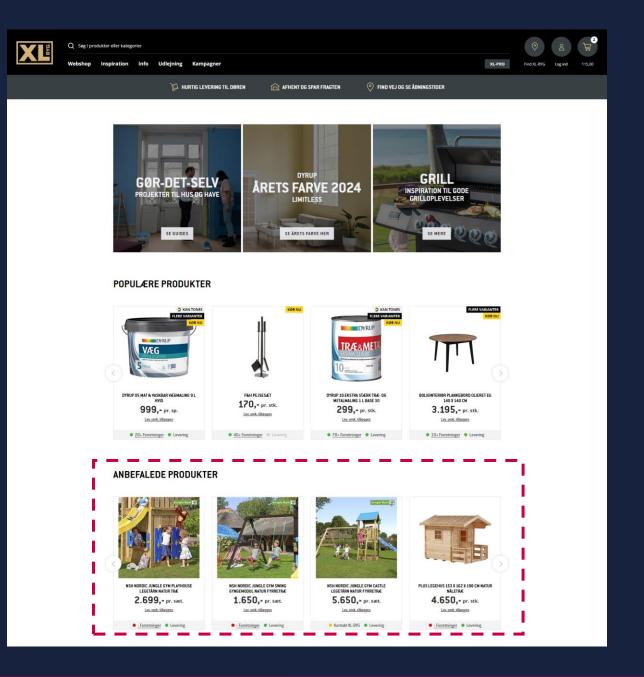
- Similar content
- Related products



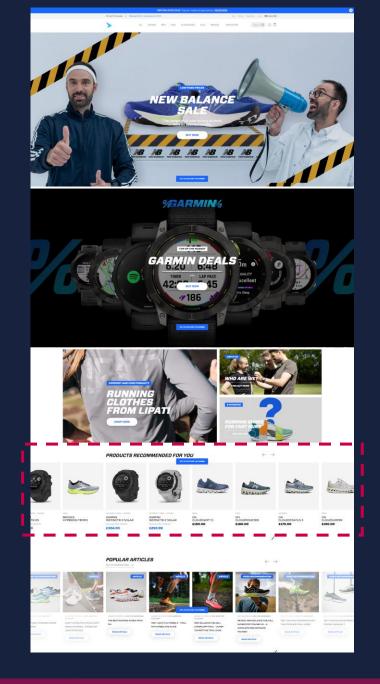
- Personalized product recommendations
- Difference between known and unknown customer
- Disqualify purchased products or not?
- Change recommendations in-session



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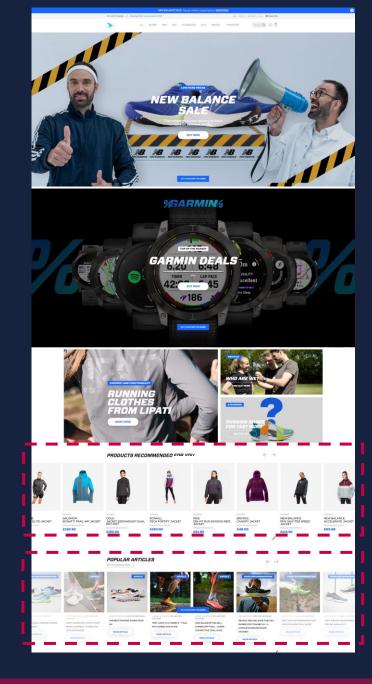


- Avoid a static frontpage but inspire instead
- Dont focus solely on last visited product
- Inspire the customers with alternatives
- Focus on both products and content (blogs/banners)
- B2B focus: Boost product purchased before





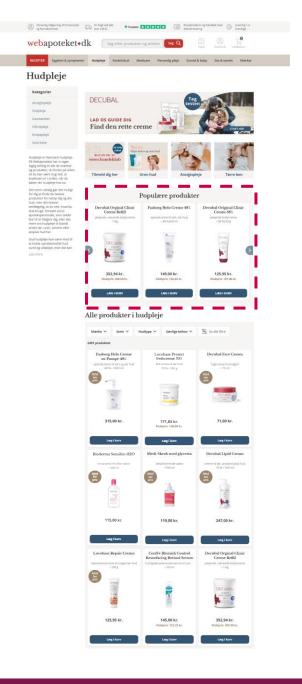
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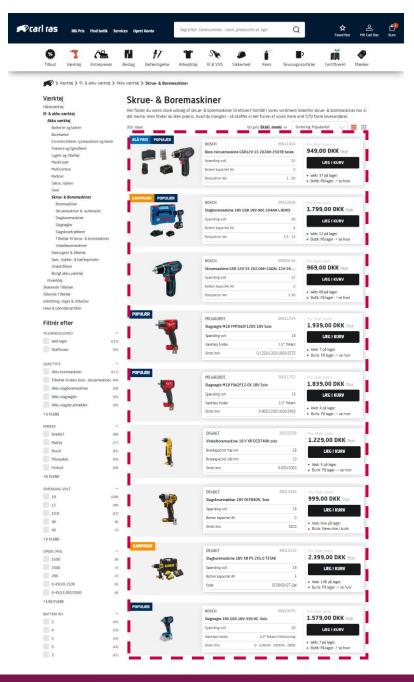
- PLP's often contains 1.000+ products
- Use the knownledge about the customer
- Use social proof
- Personalized based on the customer
- Example: Placed on top as a slider



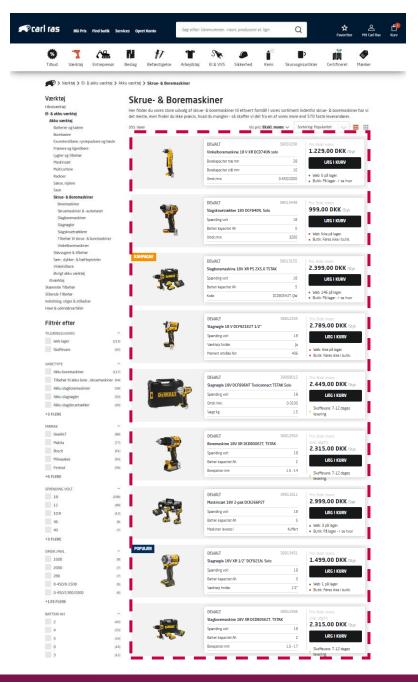
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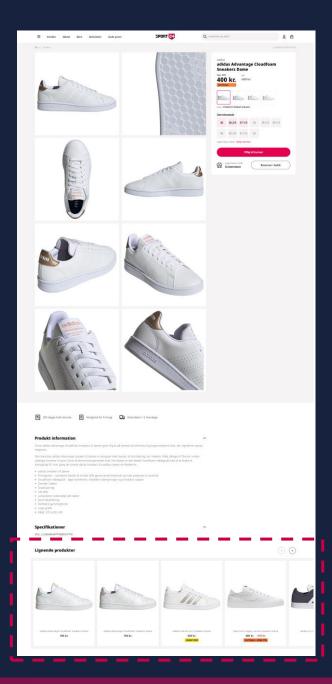
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- Push brand preferences
- B2B specific: Push popular company products



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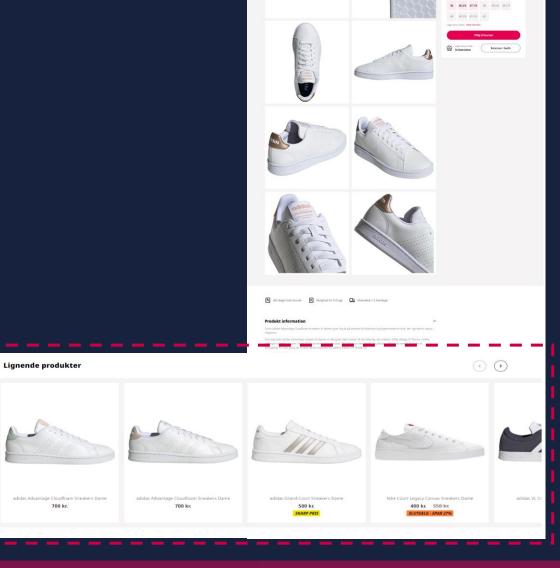


- Drive conversion and avoid bounce
- Show similar items
  - Same colour and brand

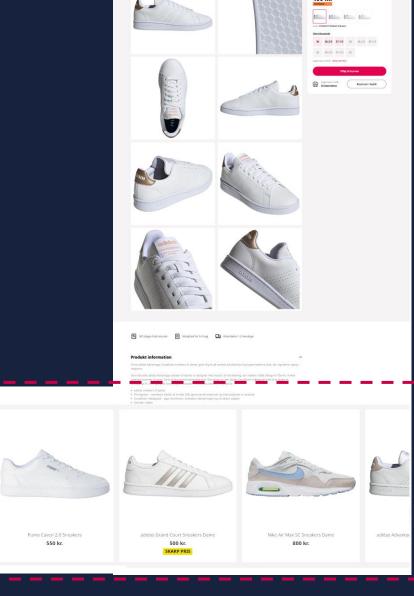


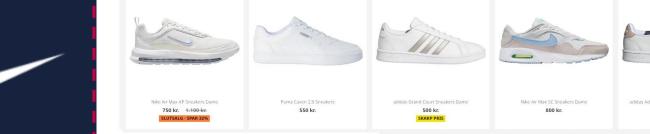
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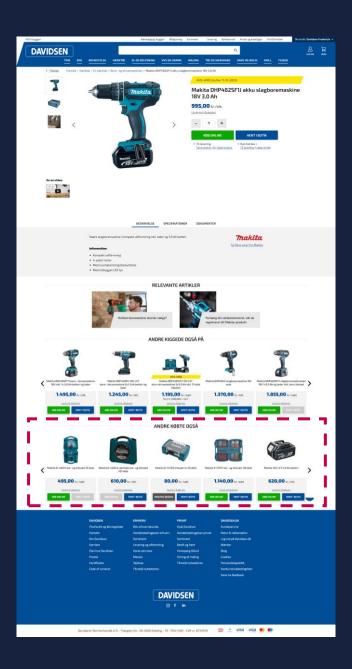
- Drive conversion and avoid bounce
- Show similar items
  - Same colour and brand
- Mind customers' brand preferences and price sensitivity





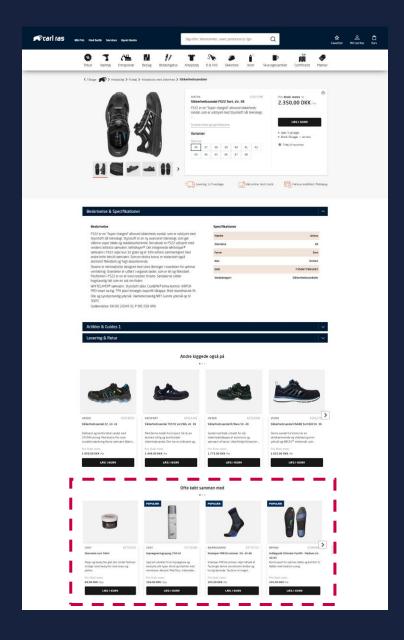
Lignende produkter

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# Product pages (don't)

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- Make room for potential cross-sell
- Avoid showing variants twice
  - The "variant headache"





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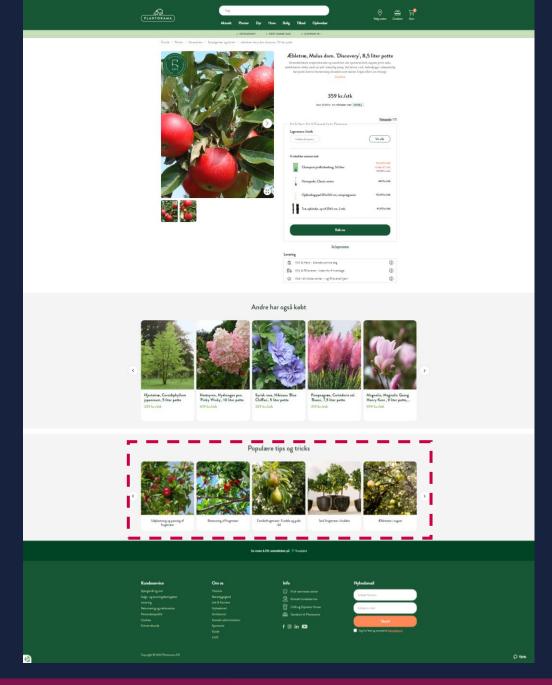
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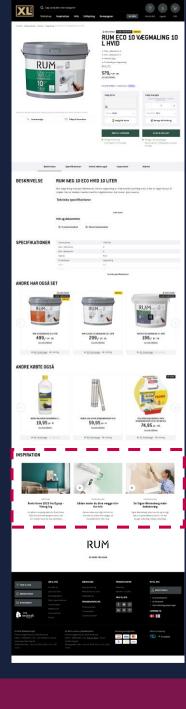


- Educate and be the expert
- Drive traffic towards your content
- Avoid manual maintanence mapping products to content

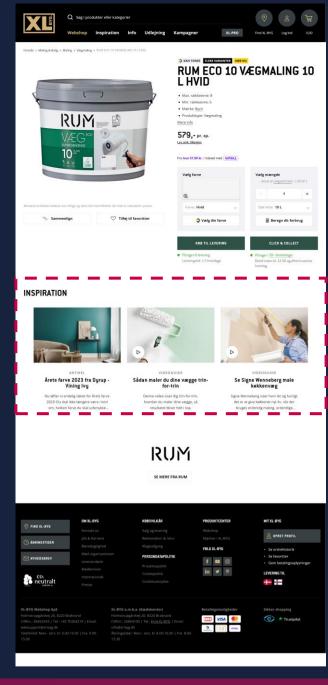


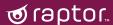


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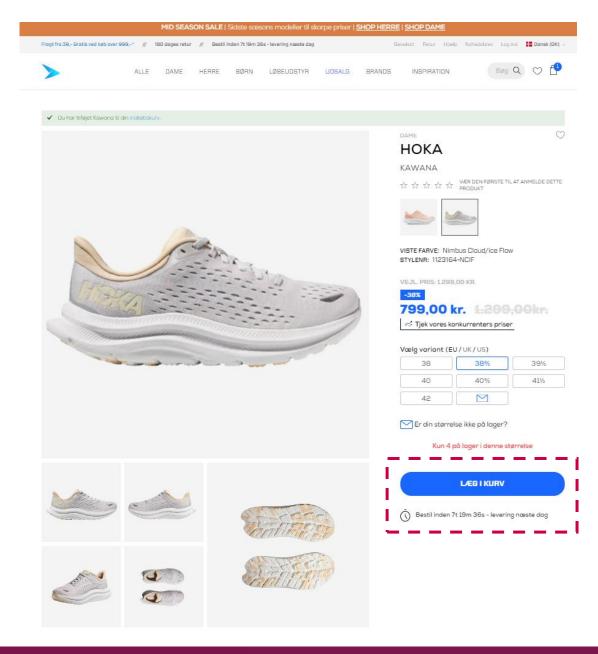
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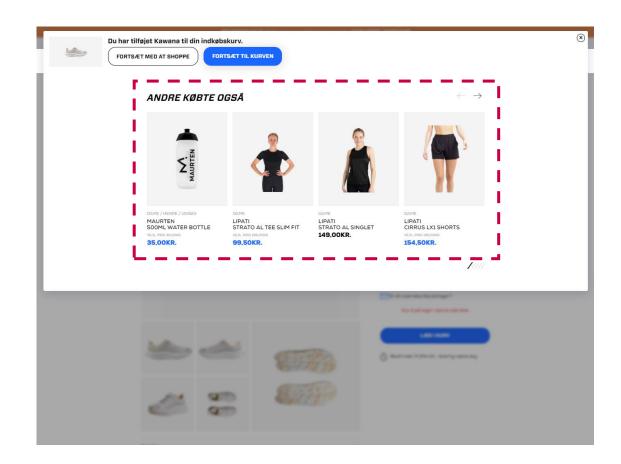
# Power step

- Make sure the customers sees the related products
- Create a Power Step when customers "add to basket"



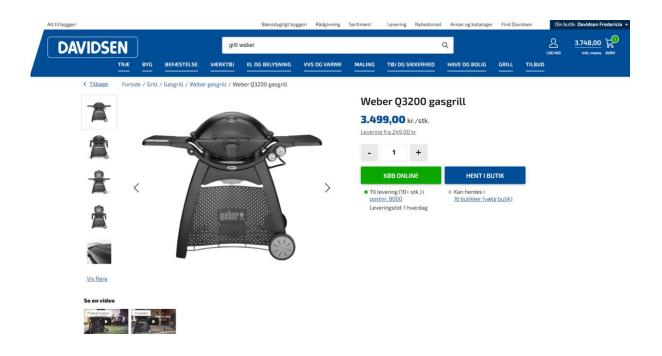
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- Make sure the customers sees the related products
- Create a Power Step when customers "add to basket"
- Products should be related to the product added basket
- Boost products purchased before



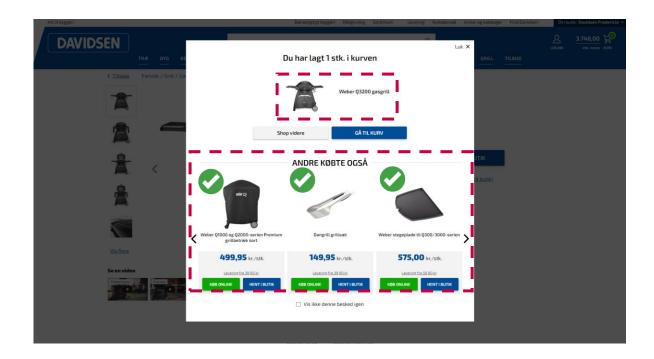
## Power step (do)

- Be realistic when trying to cross-sell
- Keep products within the same main category



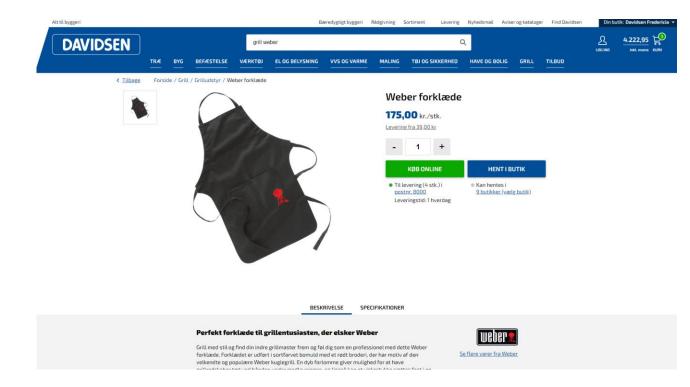
## Power step (do)

- Be realistic when trying to cross-sell
- Keep products within the same main category
- Focus on accessories to the main product
- Often products with a lower price than the added to cart product



### Power step (don't)

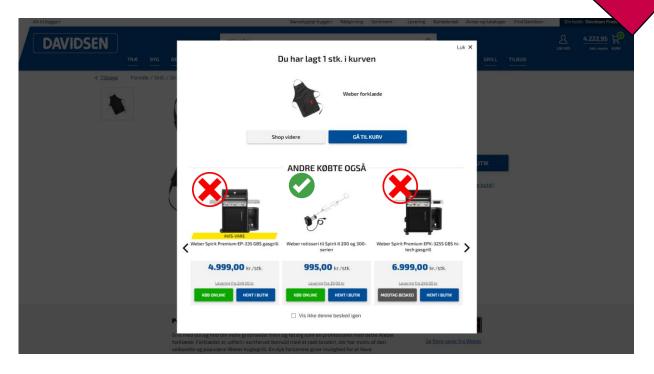
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# EXAMPLEONIX

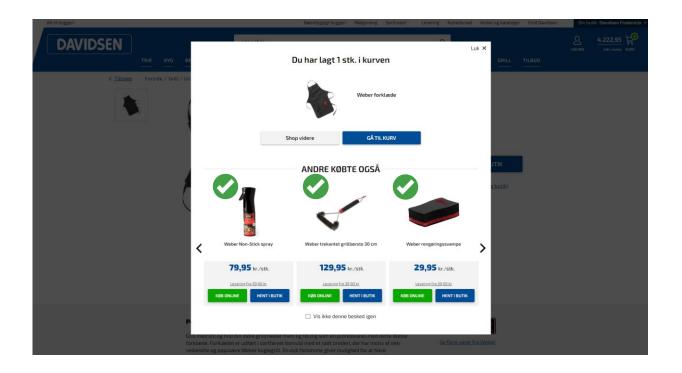
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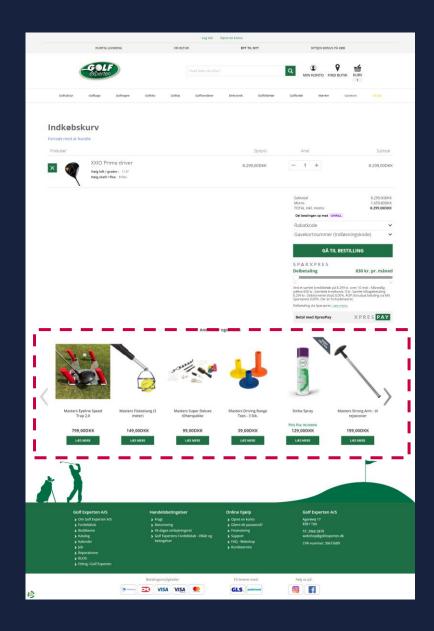


## Power step (do)

- Recommendations as they should
- Other accesories in focus
- Small add ons to the basket

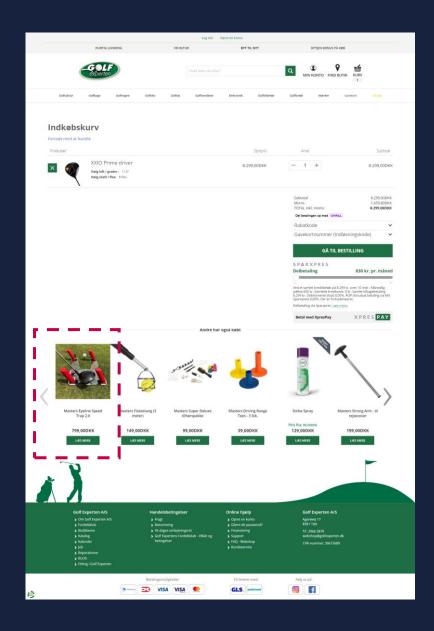


- Increase the basket size
- Base recommendations on all products in the basket
- Don't jeopardize the conversion
- Promote mainly related products (B2C)



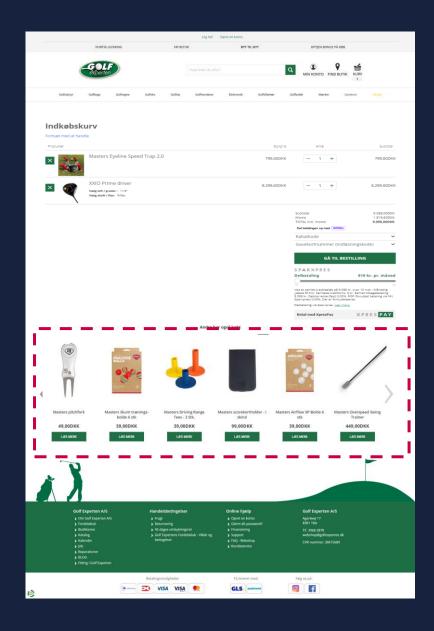


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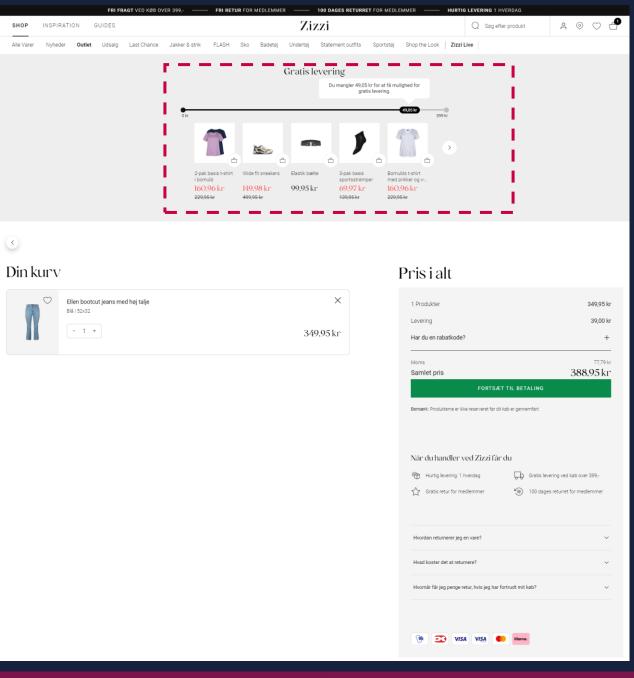


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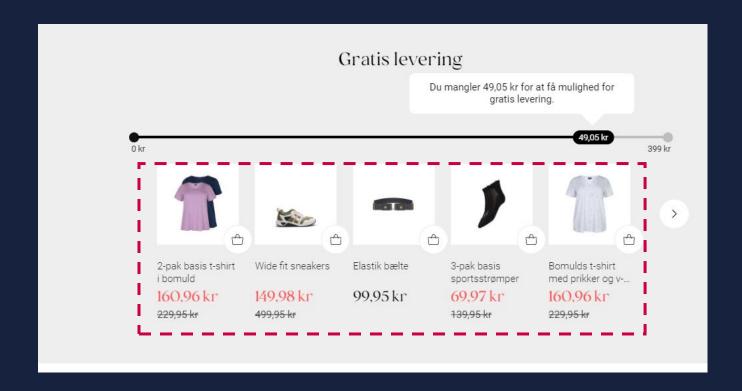




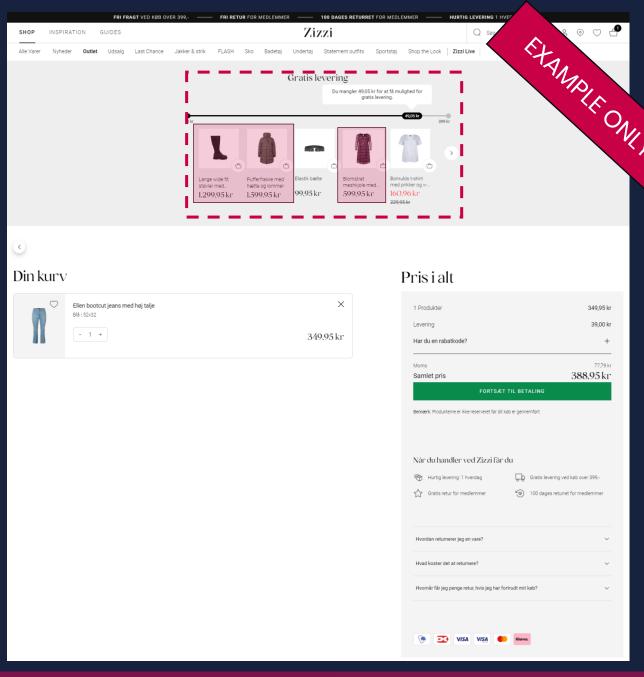
- Increase the basket size
- Be aware of the price point
- Nudge by offering free delivery etc.

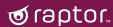


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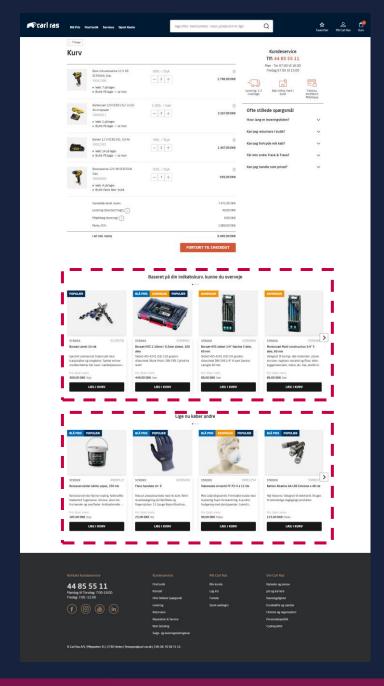


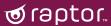
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- Nudge by offering free delivery fx
- Don't be greedy





- B2B specific recommendations
- Based on account / company level
- Top-up products in the basket





#### **Content pages**

- Be relevant at all times
- Inspire customer with related products
- But also similar content to keep inspiring the customer
- Avoid manual maintenance and mapping



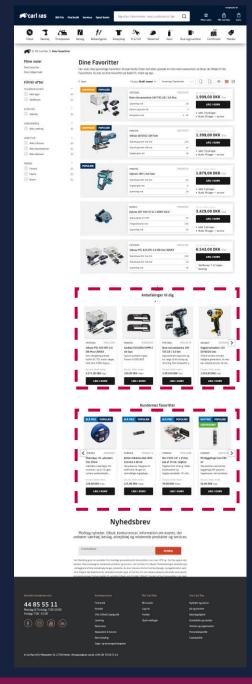
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#### **Account Pages**

- Save customers purchase history and favorites
- Inspire with products similar/related to thoose products
- For B2B include what others in the organisation purchases





#### Sum up

- Data is the main source for good recommendations
- Use the knownledge of the customer preferences (Brand, Category, Price, Product etc.)
- Focus on the first conversion after increase basket size
- When trying to increase basket size dont be unrealistic
- Recommendations is not only products but content as well

## **Questions?**

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