


Offers to customers



Example 2: Discount if you use your loyalty card



## Example 1: Category Management

Effective category management depends on the role of the category
(Dhar et al., 2001, Journal of Retailing)

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- Penetration = number of households that purchase the product
- Frequency = number of times the product is purchased



## Example 2: Shopping missions

Shopping missions: An analytical method for the identification of
shopper need states
(Sarantopoulus et al., 2016, Journal of Business Research)


## Example 2: Shopping missions

## Results step 1

- Five groups of transactions found based on number of categories purchases

(Sarantopoulus et al., 2016, Journal of Business Research)
ER


## Results step 2:

Shopping missions only for the midale
group, "relatively concrete"
Seven shopping missions identified: $\begin{array}{ll}1 . & \text { Breakast } \\ \text { 2. } & \text { Meatas } \\ \text { 3. } & \text { Snacks }\end{array}$



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## Limitations

## Limitations with this data



Cannot track consumers purchases outside the company
Not alowed to save data for more than 2 years. Cannot follow
consumers over longer time periods
Don not have intormation about all individuals in the housenold. Can only
trarct he behavior of the indivivualindiviviuals having and using aloyaly
card
Oo not have information about all products that are sold in our stores.

Mare than 20000 different products in assortment. Hard to maintain the
data tuality
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