# Analyse de client avec votre agence IA

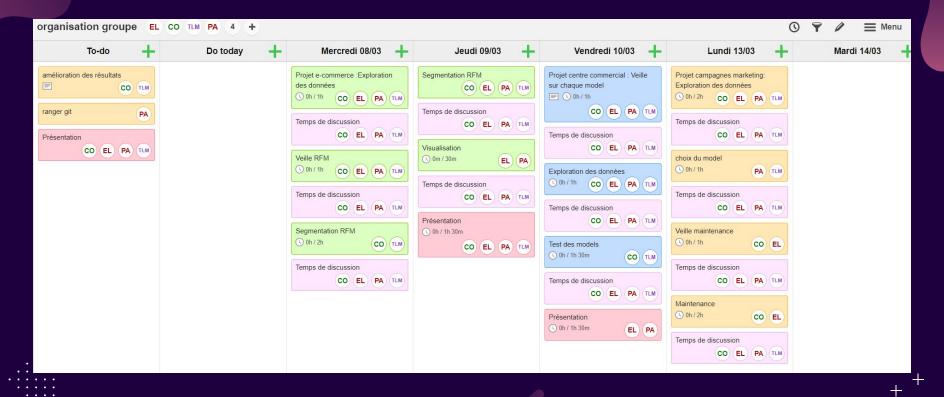
Patricio, Tristan, Chems et Ellana

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# **Organisation**



#### Contexte

#### Données fournies:

Date de Naissance

Revenu annuel,

Nombre d'enfants et d'adolescents à charge,

Leur récence,

Le montant dépensé dans chaque rayon

Combien de clients achète en fonction des campagnes de promotions.

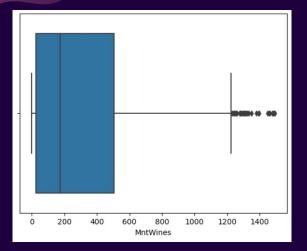


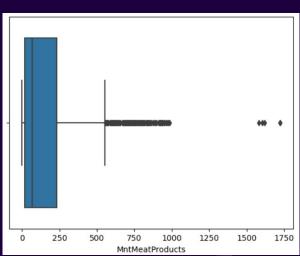


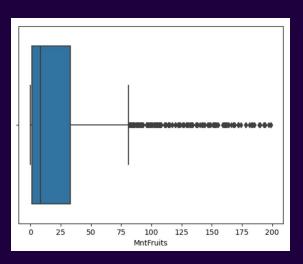
Objectif: Voir le comportement des clients pendant les campagnes marketing



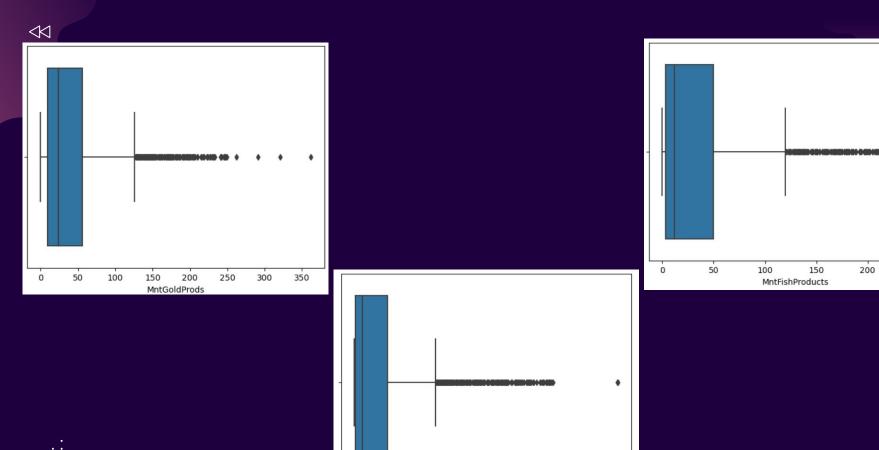
# **EDA**









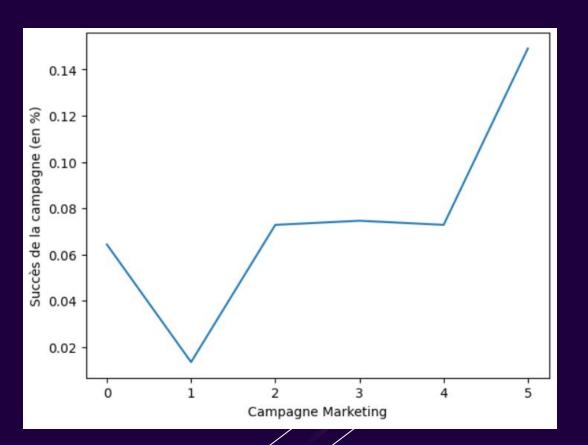


MntSweetProducts



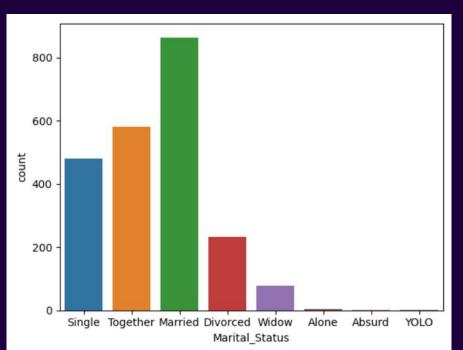
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# Achats en fonction des campagnes marketings

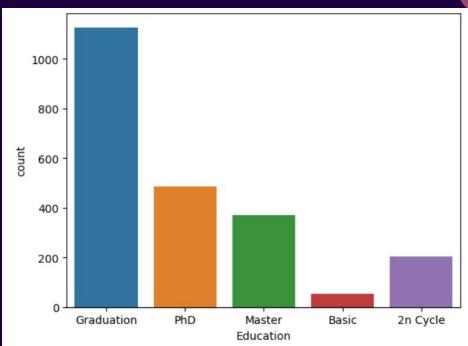


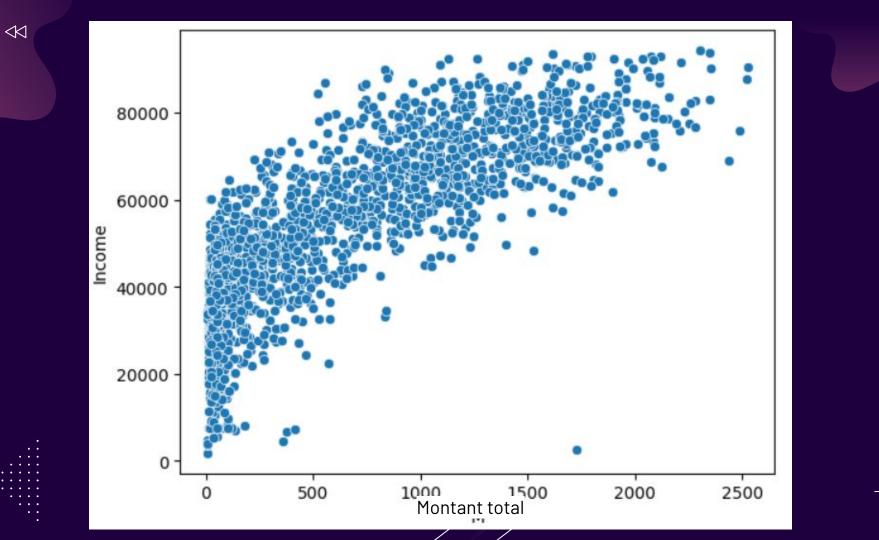


#### **Statut Marital**



### Niveau éducation

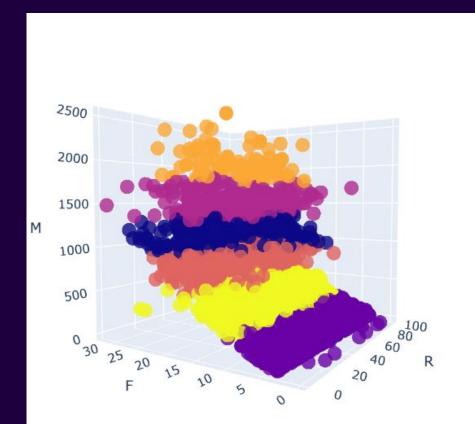


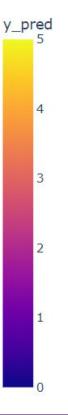






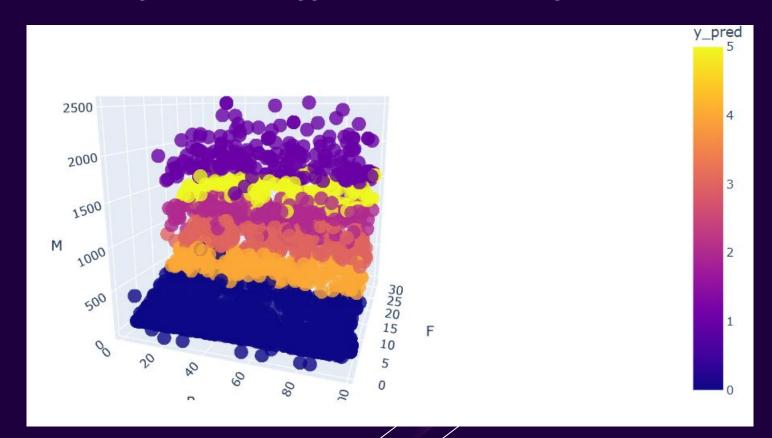
# Customer segmentation: KMEANS



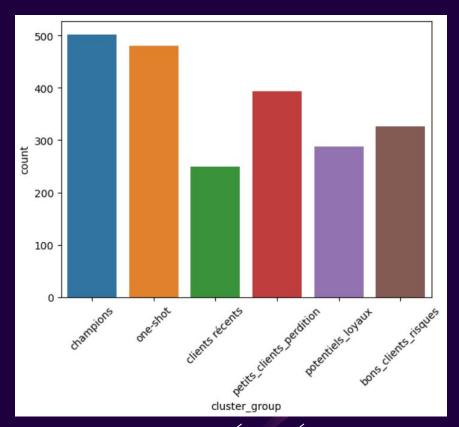




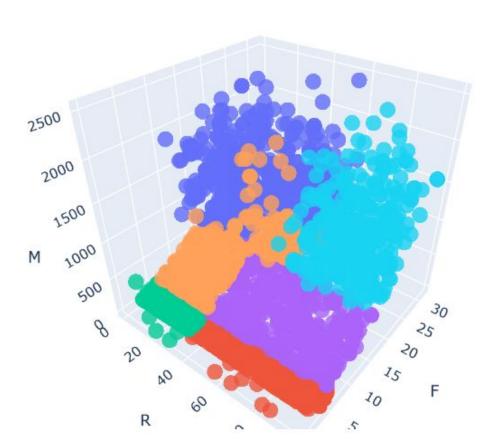
# **Customer segmentation: Agglomerative Clustering**



# **Customer segmentation: RFM**







#### cluster\_group

- champions
- one-shot
- clients récents
- petits\_clients\_perdition
- potentiels\_loyaux
- bons\_clients\_risques

## **Perspectives**

#### Rétention clients :

- Problématique : peu de clients fidèles
- Campagne de fidélisation
- Relances, cadeaux, messages personnalisés