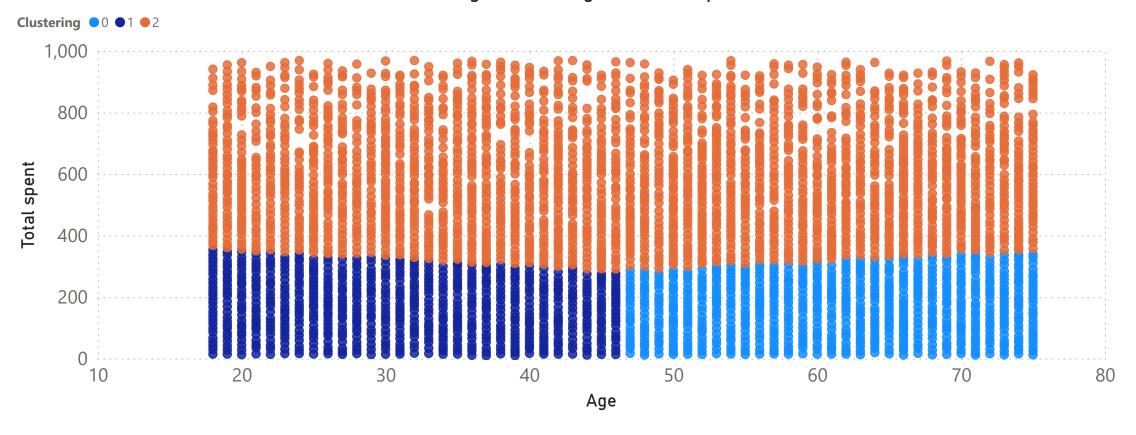


|   | İ |   |
|---|---|---|
| ~ |   | C |
|   |   | _ |
|   |   |   |
|   |   |   |
|   |   |   |
|   |   |   |
|   |   |   |
|   |   |   |

| customer_index | recommended_product | product_category_name       |
|----------------|---------------------|-----------------------------|
| 0              | 3486                | papelaria                   |
| 0              | 11652               | ferramentas_jardim          |
| 0              | 14810               | moveis_quarto               |
| 0              | 16057               | beleza_saude                |
| 0              | 26793               | esporte_lazer               |
| 1              | 11453               | automotivo                  |
| 1              | 15761               | esporte_lazer               |
| 1              | 16466               | moveis_decoracao            |
| 1              | 16672               | papelaria                   |
| 1              | 17704               | utilidades_domesticas       |
| 2              | 13635               | eletroportateis             |
| 2              | 19969               | bebes                       |
| 2              | 27375               | fashion_bolsas_e_acessorios |
| 2              | 28446               | cama_mesa_banho             |
| 2              | 29249               | moveis_decoracao            |

## Clustering based on age and total spent



| Total      | 47            | 13,969,673.32      | 143.34                 |
|------------|---------------|--------------------|------------------------|
| 2          | 47            | 3,939,785.60       | 495.76                 |
| 1          | 32            | 5,011,017.84       | 111.88                 |
| 0          | 61            | 5,018,869.88       | 112.22                 |
| prediction | Median of age | Sum of total_spent | Average of total_spent |