Data Provided:

1. QVI_transaction_data

Potato chips Transaction of 1 year

| 4 | Α | В | С | D | Е | F | G | Н |
|----|-------|-----------|----------------|--------|----------|--|----------|-----------|
| 1 | DATE | STORE_NBR | LYLTY_CARD_NBR | TXN_ID | PROD_NBR | PROD_NAME | PROD_QTY | TOT_SALES |
| 2 | 43390 | 1 | 1000 | 1 | 5 | Natural Chip Compny SeaSalt175g | 2 | 6 |
| 3 | 43599 | 1 | 1307 | 348 | 66 | CCs Nacho Cheese 175g | 3 | 6.3 |
| 4 | 43605 | 1 | 1343 | 383 | 61 | Smiths Crinkle Cut Chips Chicken 170g | 2 | 2.9 |
| 5 | 43329 | 2 | 2373 | 974 | 69 | Smiths Chip Thinly S/Cream&Onion 175g | 5 | 15 |
| 6 | 43330 | 2 | 2426 | 1038 | 108 | Kettle Tortilla ChpsHny&Jlpno Chili 150g | 3 | 13.8 |
| 7 | 43604 | 4 | 4074 | 2982 | 57 | Old El Paso Salsa Dip Tomato Mild 300g | 1 | 5.1 |
| 8 | 43601 | 4 | 4149 | 3333 | 16 | Smiths Crinkle Chips Salt & Vinegar 330g | 1 | 5.7 |
| 9 | 43601 | 4 | 4196 | 3539 | 24 | Grain Waves Sweet Chilli 210g | 1 | 3.6 |
| 10 | 43332 | 5 | 5026 | 4525 | 42 | Doritos Corn Chip Mexican Jalapeno 150g | 1 | 3.9 |
| 11 | 43330 | 7 | 7150 | 6900 | 52 | Grain Waves Sour Cream&Chives 210G | 2 | 7.2 |
| 12 | 43602 | 7 | 7215 | 7176 | 16 | Smiths Crinkle Chips Salt & Vinegar 330g | 1 | 5.7 |
| 13 | 43332 | 8 | 8294 | 8221 | 114 | Kettle Sensations Siracha Lime 150g | 5 | 23 |
| 14 | 43603 | 9 | 9208 | 8634 | 15 | Twisties Cheese 270g | 2 | 9.2 |
| 15 | 43329 | 13 | 13213 | 12447 | 92 | WW Crinkle Cut Chicken 175g | 1 | 1.7 |
| 16 | 43600 | 19 | 19272 | 16686 | 44 | Thins Chips Light& Tangy 175g | 1 | 3.3 |
| 17 | 43604 | 20 | 20164 | 17136 | 54 | CCs Original 175g | 1 | 2.1 |

2. QVI_purchase_behaviour

Customer Data for a particular region. This is based on overall behaviour of the customer.

| Α | В | С |
|----------------|------------------------|------------------|
| LYLTY_CARD_NBR | LIFESTAGE | PREMIUM_CUSTOMER |
| 1000 | YOUNG SINGLES/COUPLES | Premium |
| 1002 | YOUNG SINGLES/COUPLES | Mainstream |
| 1003 | YOUNG FAMILIES | Budget |
| 1004 | OLDER SINGLES/COUPLES | Mainstream |
| 1005 | MIDAGE SINGLES/COUPLES | Mainstream |
| 1007 | YOUNG SINGLES/COUPLES | Budget |
| 1009 | NEW FAMILIES | Premium |
| 1010 | YOUNG SINGLES/COUPLES | Mainstream |
| 1011 | OLDER SINGLES/COUPLES | Mainstream |