**SELECT**

\*

**FROM**

(

**SELECT**

*O*.***customer\_id*** **AS** *cliente*,

*P*.***payment\_value*** **AS** *valor\_compra*,

**SUM**(*P*.***payment\_value***) **OVER** (**PARTITION** **BY** *O*.***customer\_id*** **ORDER** **BY** *P*.***payment\_value***) **AS** *cum*,

**SUM**(*P*.***payment\_value***) **OVER** (**PARTITION** **BY** O.customer\_id) **AS** valor\_total,

*O*.***order\_approved\_at*** **AS** *data\_aprovacao*

**FROM** ***`awari-data-analytics-2023.dataset\_olist.orders`*** *O*

**INNER** **JOIN** ***`awari-data-analytics-2023.dataset\_olist.order\_payments`*** *P*

**ON** *P*.***order\_id*** = *O*.***order\_id***

)

**WHERE** *valor\_compra* < ***valor\_total***

**ORDER** **BY** *cliente*

**SELECT**

***categoria***,

***total\_vendas***,

**SUM**(***total\_vendas***) **OVER** (**ORDER** **BY** ***total\_vendas***) **AS** *cum*

**FROM**

(

**SELECT**

PRO.product\_category\_name **AS** categoria,

**SUM**(PAY.payment\_value) **AS** total\_vendas

**FROM** **`awari-data-analytics-2023.dataset\_olist.order\_payments`** PAY

**INNER** **JOIN** **`awari-data-analytics-2023.dataset\_olist.order\_items`** OI

**ON** PAY.order\_id = OI.order\_id

**INNER** **JOIN** **`awari-data-analytics-2023.dataset\_olist.products`** PRO **ON** OI.product\_id = PRO.product\_id

**WHERE** PRO.product\_category\_name **IS** **NOT** **NULL**

**GROUP** **BY** 1

)

**ORDER** **BY** 2 **DESC**

--**CREATE** **OR** **REPLACE** **VIEW** SELLER\_STATS **AS**

**SELECT**

*S*.***seller\_id*** **AS** *VENDEDOR*,

**COUNT** (*D*.***order\_status***) **AS** *qtd\_itens*,

**CASE**

**WHEN** *D*.***order\_status*** = **'delivered'** **OR** *D*.***order\_status*** = **'shipped'** **THEN** **'ENVIADO'**

**ELSE** **'NAO\_ENVIADO'**

**END** **as** *STATUS*,

**SUM** (**COUNT** (*D*.***order\_status***)) **OVER** (**PARTITION** **BY** S.seller\_id) **AS** VENDA\_TOTAL\_VENDEDOR,

**avg**(date\_diff(*D*.***order\_delivered\_carrier\_date***, *D*.***order\_approved\_at***, **DAY**)) **AS** *MEDIA\_POSTAGEM*

**FROM** ***`awari-data-analytics-2023.dataset\_olist.sellers`*** *S*

**INNER** **JOIN** ***`awari-data-analytics-2023.dataset\_olist.order\_items`*** *O*

**ON** *O*.***seller\_id*** = *S*.***seller\_id***

**INNER** **JOIN** ***`awari-data-analytics-2023.dataset\_olist.orders`*** *D*

**ON** *D*.***order\_id*** = *O*.***order\_id***

**GROUP** **BY**

*STATUS*,

*VENDEDOR*

**ORDER** **BY** 1

**SELECT**

***CLIENTE***,

***PENULTIMA\_COMPRA***,

***ULTIMA\_COMPRA***,

**CASE**

**WHEN** ***PENULTIMA\_COMPRA*** >= ***ULTIMA\_COMPRA*** **THEN** **ROUND** (***ULTIMA\_COMPRA*** \* 0.10,2)

**ELSE** 0

**END** *CUPOM*

**FROM**

(

**select**

P.order\_id **AS** PEDIDO,

C.customer\_unique\_id **AS** CLIENTE,

D.order\_status **AS** STATUS,

**DATE**(D.order\_approved\_at) **AS** DATA\_APROVACAO,

**SUM** (P.payment\_value) **AS** VALOR\_COMPRA,

**last\_value** (P.payment\_value) **over** (**PARTITION** **by** C.customer\_unique\_id **ORDER** **BY** **DATE**(D.order\_approved\_at)) **AS** ULTIMA\_COMPRA,

**LAG** (P.payment\_value) **OVER** (**PARTITION** **BY** C.customer\_unique\_id **ORDER** **BY** **DATE**(order\_approved\_at)) **AS** PENULTIMA\_COMPRA

**from** **`awari-data-analytics-2023.dataset\_olist.orders`** D

**INNER** **JOIN** **`awari-data-analytics-2023.dataset\_olist.order\_payments`** P

**ON** P.order\_id = D.order\_id

**INNER** **JOIN** **`awari-data-analytics-2023.dataset\_olist.customers`** C

**ON** C.customer\_id = D.customer\_id

**WHERE** D.order\_status = **'delivered'**

**and** D.order\_approved\_at **IS** **NOT** **NULL**

**GROUP** **BY** 1, 2, 3, 4, P.payment\_value, D.order\_approved\_at

)

**WHERE** PENULTIMA\_COMPRA **IS** **NOT** **NULL**

**SELECT**

***item***,

***purchases***,

***category***,

**LAST\_VALUE**(***item***) **OVER** (**PARTITION** **BY** ***category*** **ORDER** **BY** ***purchases*** **ROWS** **BETWEEN** **UNBOUNDED** **PRECEDING** **AND** **UNBOUNDED** **FOLLOWING**) **AS** *most\_popular*

**FROM** ***`awari-data-analytics-2023.dataset\_window\_functions.produce`***