**QUESTÃO 1)**

SELECT c.email,

p.customer\_id,

SUM(p.amount) as total\_pago,

(CASE WHEN SUM(p.amount)>128.70 THEN "Especial"

WHEN SUM(p.amount)>110.73 THEN "Fiel"

WHEN SUM(p.amount)>94.77 THEN "Ocasional"

ELSE "Iniciante" END) AS classificação

FROM payment p

INNER JOIN customer c on p.customer\_id=c.customer\_id

GROUP BY 2

ORDER BY 3 desc;

**QUESTÃO 1) \*JEITO DO PROFESSOR\***

WITH aux1 AS

(

SELECT p.customer\_id,

c.email,

SUM(p.amount) AS total\_pago

FROM payment p

LEFT JOIN customer c on p.customer\_id=c.customer\_id

GROUP BY customer\_id)

,aux2 AS

(

SELECT \*,

NTILE(4) OVER(ORDER BY total\_pago DESC)

AS Grupo\_consumidor FROM aux1)

SELECT \*,(CASE

WHEN Grupo\_consumidor=1 THEN "Especial"

WHEN Grupo\_consumidor=2 THEN "Fiel"

WHEN Grupo\_consumidor=3 THEN "Ocasional"

WHEN Grupo\_consumidor=4 THEN "Inicia”

END) AS Classificação FROM aux2;

**QUESTÃO 2)**

WITH loja1 as

(

SELECT s.store\_id as loja1,

p.payment\_date as data1,

amount as valor1,

SUM(amount) OVER ( ORDER BY p.payment\_date ROWS UNBOUNDED PRECEDING ) as acumulativo1,

ROW\_NUMBER() OVER () AS contagem1

FROM payment p

INNER JOIN staff s on p.staff\_id=s.staff\_id

where (p.payment\_date between "2005-07-01" and "2005-07-31") and (s.store\_id=1)

ORDER BY 2 ASC)

,loja2 as

(

SELECT s.store\_id as loja2,

p.payment\_date as data2,

amount as valor2,

SUM(amount) OVER ( ORDER BY p.payment\_date ROWS UNBOUNDED PRECEDING ) as acumulativo2,

ROW\_NUMBER() OVER () AS contagem2

FROM payment p

INNER JOIN staff s on p.staff\_id=s.staff\_id

where (p.payment\_date between "2005-07-01" and "2005-07-31") and (s.store\_id=2)

ORDER BY 2 ASC)

SELECT l1.loja1, l1.data1, l1.valor1, l1.acumulativo1,

contagem1, contagem2,

l2.loja2, l2.data2, l2.valor2, l2.acumulativo2

FROM loja1 l1

INNER JOIN loja2 l2 on l1.contagem1=l2.contagem2

EXPLICAÇÃO: A loja 2 foi a vencedora, ela atingiu 10001.9 reais no dia 28 de julho, na contagem 2361, nessa mesma data/contagem a loja 1 ainda estava no valor de 9793.39

**QUESTÃO 2 de outra forma**

SELECT s.store\_id AS id\_loja,

p.amount as valor,

p.payment\_date as data\_pagamento,

SUM(p.amount) OVER(PARTITION BY s.store\_id

ORDER BY p.payment\_date ROWS UNBOUNDED PRECEDING)

AS Valor\_acumulativo

FROM store s

LEFT JOIN staff sa USING (store\_id)

LEFT JOIN payment p USING (staff\_id)

WHERE payment\_date BETWEEN "2005-07-01" AND "2005-07-31"

ORDER BY Valor\_acumulativo ASC;

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