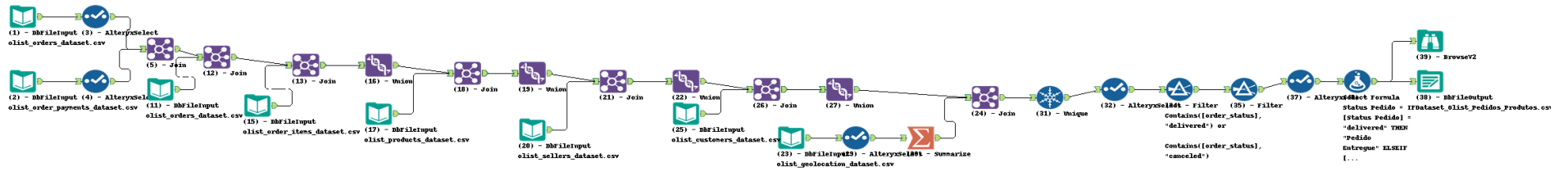


Tratamento-Dados-Olist.yxmd

Read From: C:\Users\QW731HX\OneDrive - EY\Documents\Projeto A3 - IA - Faculdade\Tratamento-Dados-Olist.yxmd

Image (Resized to Fit Page)

Tratamento-Bases-olist.yrwd
workflow has been created by Alteryx Designer version 2022.1
Imaging utility authored by Lev Salomovich (lev.salomovich@keyrus.us)

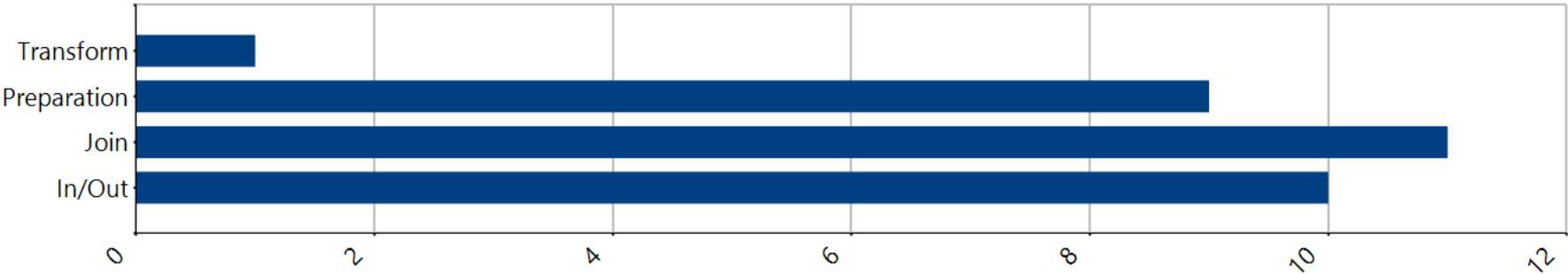


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- Inputs and Outputs
- Workflow Steps
- Details by Tool

Tool Summary

Tools by Category*



*The number and type of tools can give an overall indication about the complexity of the workflow.

In/Out		Join		Preparation		Transform	
Tool	Count	Tool	Count	Tool	Count	Tool	Count
BrowseV2	1	Join	7	AlteryxSelect	5	Summarize	1
DbFileInput	8	Union	4	Filter	2		
DbFileOutput	1			Formula	1		
				Unique	1		

Input/Output Summary

Inputs

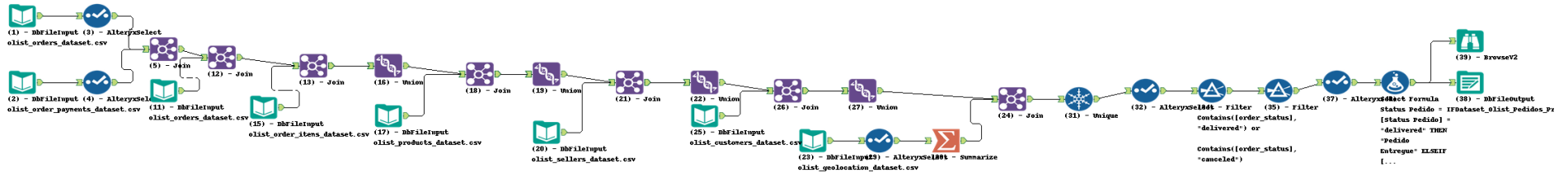
Id	Type	Node	annotations	Table or Query
1	File Connection	DbFileInput	olist_orders_dataset.csv	C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_orders_dataset.csv
2	File Connection	DbFileInput	olist_order_payments_dataset.csv	C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_order_payments_dataset.csv
11	File Connection	DbFileInput	olist_orders_dataset.csv	C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_orders_dataset.csv
15	File Connection	DbFileInput	olist_order_items_dataset.csv	C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_order_items_dataset.csv
17	File Connection	DbFileInput	olist_products_dataset.csv	C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_products_dataset.csv
20	File Connection	DbFileInput	olist_sellers_dataset.csv	C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_sellers_dataset.csv
23	File Connection	DbFileInput	olist_geolocation_dataset.csv	C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_geolocation_dataset.csv
25	File Connection	DbFileInput	olist_customers_dataset.csv	C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_customers_dataset.csv

Outputs

Id	Type	Node	annotations	Table or Query
38	File Connection	DbFileOutput	Dataset_Olist_Pedidos_Produtos.csv	Dataset_Olist_Pedidos_Produtos.csv

Workflow Summary by Section

Section Number 0



Number of Nodes: 31

Node	Id	isDisabled	annotations	Incoming Connections	Outgoing Connections
DbFileInput	1	False	olist_orders_dataset.csv		Output -> (3) Input
DbFileInput	2	False	olist_order_payments_dataset.csv		Output -> (4) Input
DbFileInput	11	False	olist_orders_dataset.csv		Output -> (12) Right
DbFileInput	15	False	olist_order_items_dataset.csv		Output -> (13) Right
DbFileInput	17	False	olist_products_dataset.csv		Output -> (18) Right
DbFileInput	20	False	olist_sellers_dataset.csv		Output -> (21) Right
DbFileInput	23	False	olist_geolocation_dataset.csv		Output -> (29) Input
DbFileInput	25	False	olist_customers_dataset.csv		Output -> (26) Right
AlteryxSelect	3	False		(1) Output -> Input	Output -> (5) Left
AlteryxSelect	4	False		(2) Output -> Input	Output -> (5) Right
AlteryxSelect	29	False		(23) Output -> Input	Output -> (28) Input
Join	5	False		(3) Output -> Left, (4) Output -> Right	Join -> (12) Left
Summarize	28	False		(29) Output -> Input	Output -> (24) Right
Join	12	False		(5) Join -> Left, (11) Output -> Right	Join -> (13) Left
Join	13	False		(12) Join -> Left, (15) Output -> Right	Join -> (16) Input, Left -> (16) Input, Right -> (16) Input
Union	16	False		(13) Join -> Input, (13) Left -> Input, (13) Right -> Input	Output -> (18) Left

Node	Id	isDisabled	annotations	Incoming Connections	Outgoing Connections
Join	18	False		(16) Output -> Left, (17) Output -> Right	Join -> (19) Input, Left -> (19) Input, Right -> (19) Input
Union	19	False		(18) Join -> Input, (18) Left -> Input, (18) Right -> Input	Output -> (21) Left
Join	21	False		(19) Output -> Left, (20) Output -> Right	Join -> (22) Input, Left -> (22) Input, Right -> (22) Input
Union	22	False		(21) Join -> Input, (21) Left -> Input, (21) Right -> Input	Output -> (26) Left
Join	26	False		(22) Output -> Left, (25) Output -> Right	Join -> (27) Input, Left -> (27) Input, Right -> (27) Input
Union	27	False		(26) Join -> Input, (26) Left -> Input, (26) Right -> Input	Output -> (24) Left
Join	24	False		(27) Output -> Left, (28) Output -> Right	Join -> (31) Input
Unique	31	False		(24) Join -> Input	Unique -> (32) Input
AlteryxSelect	32	False		(31) Unique -> Input	Output -> (34) Input
Filter	34	False	Contains([order_status], "delivered") or Contains([order_status], "canceled")	(32) Output -> Input	True -> (35) Input
Filter	35	False		(34) True -> Input	True -> (37) Input
AlteryxSelect	37	False		(35) True -> Input	Output -> (40) Input
Formula	40	False	Status Pedido = IF [Status Pedido] = "delivered" THEN "Pedido Entregue" ELSEIF [...]	(37) Output -> Input	Output -> (38) Input, Output -> (39) Input
DbFileOutput	38	False	Dataset_Olist_Pedidos_Produtos.csv	(40) Output -> Input	
BrowseV2	39	False		(40) Output -> Input	

Detailed Tool Configuration

Id: 1

Node: DbFileInput

Inputs:

Outputs: Output -> (3) Input

isDisabled: False

Container Level: 0

Annotation: olist_orders_dataset.csv

Tables/Queries: C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_orders_dataset.csv

Keys (joins):

Fields

Field Type	FieldName
(V_WString)	[order_id]
(V_WString)	[customer_id]
(V_WString)	[order_status]
(V_WString)	[order_purchase_timestamp]
(V_WString)	[order_approved_at]
(V_WString)	[order_delivered_carrier_date]
(V_WString)	[order_delivered_customer_date]
(V_WString)	[order_estimated_delivery_date]

Id: 2

Node: DbFileInput

Inputs:

Outputs: Output -> (4) Input

isDisabled: False

Container Level: 0

Annotation: olist_order_payments_dataset.csv

Tables/Queries: C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_order_payments_dataset.csv

Keys (joins):

Fields

Field Type	FieldName
(V_WString)	[order_id]
(V_WString)	[payment_sequential]
(V_WString)	[payment_type]
(V_WString)	[payment_installments]
(V_WString)	[payment_value]

Id: 11

Node: DbFileInput

Inputs:

Outputs: Output -> (12) Right

isDisabled: False

Container Level: 0

Annotation: olist_orders_dataset.csv

Tables/Queries: C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_orders_dataset.csv

Keys (joins):

Fields

Field Type	FieldName
(V_WString)	[order_id]
(V_WString)	[customer_id]
(V_WString)	[order_status]
(V_WString)	[order_purchase_timestamp]
(V_WString)	[order_approved_at]
(V_WString)	[order_delivered_carrier_date]
(V_WString)	[order_delivered_customer_date]
(V_WString)	[order_estimated_delivery_date]

Id: 15

Node: DbFileInput

Inputs:

Outputs: Output -> (13) Right

isDisabled: False

Container Level: 0

Annotation: olist_order_items_dataset.csv

Tables/Queries: C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_order_items_dataset.csv

Keys (joins):

Fields

Field Type	FieldName
(V_WString)	[order_id]
(V_WString)	[order_item_id]
(V_WString)	[product_id]
(V_WString)	[seller_id]
(V_WString)	[shipping_limit_date]
(V_WString)	[price]
(V_WString)	[freight_value]

Id: 17

Node: DbFileInput

Fields

Inputs:

Outputs: Output -> (18) Right

isDisabled: False

Container Level: 0

Annotation: olist_products_dataset.csv

Tables/Queries: C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_products_dataset.csv

Keys (joins):

Id: 20

Node: DbFileInput

Inputs:

Outputs: Output -> (21) Right

isDisabled: False

Container Level: 0

Annotation: olist_sellers_dataset.csv

Tables/Queries: C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_sellers_dataset.csv

Keys (joins):

Id: 23

Node: DbFileInput

Inputs:

Outputs: Output -> (29) Input

isDisabled: False

Field Type	FieldName
(V_WString)	[product_id]
(V_WString)	[product_category_name]
(V_WString)	[product_name_lenght]
(V_WString)	[product_description_lenght]
(V_WString)	[product_photos_qty]
(V_WString)	[product_weight_g]
(V_WString)	[product_length_cm]
(V_WString)	[product_height_cm]
(V_WString)	[product_width_cm]

Fields

Field Type	FieldName
(V_WString)	[seller_id]
(V_WString)	[seller_zip_code_prefix]
(V_WString)	[seller_city]
(V_WString)	[seller_state]

Fields

Field Type	FieldName
(V_WString)	[geolocation_zip_code_prefix]
(V_WString)	[geolocation_lat]
(V_WString)	[geolocation_lng]

Container Level: 0

Annotation: olist_geolocation_dataset.csv

Tables/Queries: C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_geolocation_dataset.csv

Keys (joins):

Id: 25

Node: DbFileInput

Inputs:

Outputs: Output -> (26) Right

isDisabled: False

Container Level: 0

Annotation: olist_customers_dataset.csv

Tables/Queries: C:\\Users\\QW731HX\\OneDrive - EY\\Documents\\Projeto A3 - IA - Faculdade\\olist_customers_dataset.csv

Keys (joins):

Id: 3

Node: AlteryxSelect

Inputs: (1) Output -> Input

Outputs: Output -> (5) Left

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Field Type	FieldName
(V_WString)	[geolocation_city]
(V_WString)	[geolocation_state]

Fields

Field Type	FieldName
(V_WString)	[customer_id]
(V_WString)	[customer_unique_id]
(V_WString)	[customer_zip_code_prefix]
(V_WString)	[customer_city]
(V_WString)	[customer_state]

Selected Fields

FieldName	Selected	New Field Type	Resized	Renamed
[order_approved_at]	False			
[order_delivered_carrier_date]	False			
[order_delivered_customer_date]	False			
[order_estimated_delivery_date]	False			
[*Unknown]	True			

Keys (joins):

Id: 4

Node: AlteryxSelect

Inputs: (2) Output -> Input

Outputs: Output -> (5) Right

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Selected Fields

FieldName	Selected	New Field Type	Resized	Renamed
[payment_sequential]	False			
[payment_installments]	False			
[*Unknown]	True			

Id: 29

Node: AlteryxSelect

Inputs: (23) Output -> Input

Outputs: Output -> (28) Input

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Selected Fields

FieldName	Selected	New Field Type	Resized	Renamed
[geolocation_lat]	False			
[geolocation_lng]	False			
[*Unknown]	True			

Id: 5

Node: Join

Inputs: (3) Output -> Left,

(4) Output -> Right

Selected Fields

FieldName	Selected	New Field Type	Resized	Renamed
[Right_order_id]	False			Right_order_id

Outputs: Join -> (12) Left

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins): By Position: False, Left: order_id, Right: order_id

Id: 28

Node: Summarize

Inputs: (29) Output -> Input

Outputs: Output -> (24) Right

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Id: 12

Node: Join

Inputs: (5) Join -> Left,

(11) Output -> Right

Outputs: Join -> (13) Left

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

FieldName	Selected	New Field Type	Resized	Renamed
[*Unknown]	True			

Summarize

Property	Value
SummarizeFields.SummarizeField.0.@field	geolocation_zip_code_prefix
SummarizeFields.SummarizeField.0.@action	GroupBy
SummarizeFields.SummarizeField.0.@rename	geolocation_zip_code_prefix
SummarizeFields.SummarizeField.1.@field	geolocation_city
SummarizeFields.SummarizeField.1.@action	GroupBy
SummarizeFields.SummarizeField.1.@rename	geolocation_city
SummarizeFields.SummarizeField.2.@field	geolocation_state
SummarizeFields.SummarizeField.2.@action	GroupBy
SummarizeFields.SummarizeField.2.@rename	geolocation_state

Selected Fields

FieldName	Selected	New Field Type	Resized	Renamed
[Right_order_id]	False			Right_order_id
[Right_customer_id]	False			Right_customer_id
[Right_order_status]	False			Right_order_status
[Right_order_purchase_timestamp]	False			Right_order_purchase_timestamp
[*Unknown]	True			

Keys (joins): By Position: False, Left: customer_id, Right: customer_id

Id: 13

Node: Join

Inputs: (12) Join -> Left,

(15) Output -> Right

Outputs: Join -> (16) Input,

Left -> (16) Input,

Right -> (16) Input

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins): By Position: False, Left: order_id, Right: order_id

Id: 16

Node: Union

Inputs: (13) Join -> Input,

(13) Left -> Input,

(13) Right -> Input

Outputs: Output -> (18) Left

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Selected Fields

FieldName	Selected	New Field Type	Resized	Renamed
[Right_order_id]	False			Right_order_id
[*Unknown]	True			

Union

Property	Value
ByName_ErrorMode	Warning
ByName_OutputMode	All
Mode	ByPos
SetOutputOrder.@value	False

Id: 18

Node: Join

Inputs: (16) Output -> Left,

(17) Output -> Right

Outputs: Join -> (19) Input,

Left -> (19) Input,

Right -> (19) Input

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins): By Position: False, Left: product_id, Right: product_id

Selected Fields

FieldName	Selected	New Field Type	Resized	Renamed
[Right_product_id]	False			Right_product_id
[*Unknown]	True			

Id: 19

Node: Union

Inputs: (18) Join -> Input,

(18) Left -> Input,

(18) Right -> Input

Outputs: Output -> (21) Left

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Union

Property	Value
ByName_ErrorMode	Warning
ByName_OutputMode	All
Mode	ByName
SetOutputOrder.@value	False

Id: 21

Selected Fields

Node: Join

Inputs: (19) Output -> Left,

(20) Output -> Right

Outputs: Join -> (22) Input,

Left -> (22) Input,

Right -> (22) Input

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins): By Position: False, Left: seller_id, Right: seller_id

Id: 22

Node: Union

Inputs: (21) Join -> Input,

(21) Left -> Input,

(21) Right -> Input

Outputs: Output -> (26) Left

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Id: 26

Node: Join

Inputs: (22) Output -> Left,

FieldName	Selected	New Field Type	Resized	Renamed
[Right_seller_id]	False			Right_seller_id
[*Unknown]	True			

Union

Property	Value
ByName_ErrorMode	Warning
ByName_OutputMode	All
Mode	ByName
SetOutputOrder.@value	False

Selected Fields

FieldName	Selected	New Field Type	Resized	Renamed
[Right_customer_id]	False			Right_customer_id

(25) Output -> Right

Outputs: Join -> (27) Input,

Left -> (27) Input,

Right -> (27) Input

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins): By Position: False, Left: customer_id, Right:
customer_id

Id: 27

Node: Union

Inputs: (26) Join -> Input,

(26) Left -> Input,

(26) Right -> Input

Outputs: Output -> (24) Left

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Id: 24

Node: Join

Inputs: (27) Output -> Left,

(28) Output -> Right

FieldName	Selected	New Field Type	Resized	Renamed
[*Unknown]	True			

Union

Property	Value
ByName_ErrorMode	Warning
ByName_OutputMode	All
Mode	ByPos
SetOutputOrder.@value	False

Selected Fields

FieldName	Selected	New Field Type	Resized	Renamed
[*Unknown]	True			

Outputs: Join -> (31) Input

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins): By Position: False, Left: customer_zip_code_prefix,

Right: geolocation_zip_code_prefix

Id: 31

Node: Unique

Inputs: (24) Join -> Input

Outputs: Unique -> (32) Input

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Id: 32

Node: AlteryxSelect

Inputs: (31) Unique -> Input

Outputs: Output -> (34) Input

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Unique

Field

order_id

Selected Fields

FieldName	Selected	New Field Type	Resized	Renamed
[customer_id]	False			
[order_purchase_timestamp]	True	DateTime	19	
[payment_value]	True	FixedDecimal	18.2	
[order_approved_at]	False			
[order_delivered_carrier_date]	False	DateTime	19	
[order_delivered_customer_date]	True	DateTime	19	
[order_estimated_delivery_date]	False			
[order_item_id]	False			

FieldName	Selected	New Field Type	Resized	Renamed
[product_id]	False			
[seller_id]	False			
[shipping_limit_date]	False			
[price]	True	FixedDecimal	18.2	
[freight_value]	True	FixedDecimal	18.2	
[product_name_lenght]	False			
[product_description_lenght]	False			
[product_weight_g]	False	Int64	8	
[product_length_cm]	False			
[product_height_cm]	False			
[product_width_cm]	False			
[seller_zip_code_prefix]	False			
[customer_unique_id]	False			
[customer_zip_code_prefix]	False			
[geolocation_zip_code_prefix]	False			
[geolocation_city]	False			
[geolocation_state]	False			
[*Unknown]	True			

Id: 34

Node: Filter

Inputs: (32) Output -> Input

Outputs: True -> (35) Input

isDisabled: False

Container Level: 0

Annotation: Contains([order_status], "delivered") or

Contains([order_status], "canceled")

Tables/Queries:

Keys (joins):

Formulas

Formulas
Contains([order_status], "delivered") or Contains([order_status], "canceled")

Id: 35

Node: Filter

Inputs: (34) True -> Input

Outputs: True -> (37) Input

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Filter

Property	Value
Mode	Simple
Simple.Operator	IsNotNull
Simple.Field	product_category_name
Simple.Operands.IgnoreTimeInDateTime	True
Simple.Operands.DateType	fixed
Simple.Operands.PeriodDate	2023-05-30 22:24:31

Id: 37

Node: AlteryxSelect

Inputs: (35) True -> Input

Outputs: Output -> (40) Input

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Selected Fields

FieldName	Selected New Field Type	Resized Renamed
[order_id]	True	ID Pedido
[order_status]	True	Status Pedido
[order_purchase_timestamp]	True	Data do Pedido
[payment_type]	True	Tipo do Pagamento
[payment_value]	True	Valor do Pedido
[order_delivered_customer_date]	True	Data de Entrega
[price]	True	Valor do Produto
[freight_value]	True	Valor do Frete
[product_category_name]	True	Categoria do Produto
[product_photos_qty]	False	
[seller_city]	True	Cidade do Vendedor
[seller_state]	True	Estado doVendedor
[customer_city]	True	Cidade do Cliente
[customer_state]	True	Estado do Cliente
[*Unknown]	True	

Id: 40

Node: Formula

Inputs: (37) Output -> Input

Outputs: Output -> (38) Input,

Output -> (39) Input

isDisabled: False

Container Level: 0

Annotation: Status Pedido = IF [Status Pedido] = "delivered" THEN "Pedido Entregue" ELSEIF [Status Pedido] = "canceled" THEN "Pedido Cancelado" else [Status Pedido] ENDIF

Tables/Queries:

Keys (joins):

Id: 38

Node: DbFileOutput

Inputs: (40) Output -> Input

Outputs:

isDisabled: False

Container Level: 0

Annotation: Dataset_Olist_Pedidos_Produtos.csv

Tables/Queries: Dataset_Olist_Pedidos_Produtos.csv

Keys (joins):

Id: 39

Node: BrowseV2

Inputs: (40) Output -> Input

Formulas

Formulas

(V_WString) Status Pedido = IF [Status Pedido] = "delivered" THEN "Pedido Entregue" ELSEIF [Status Pedido] = "canceled" THEN "Pedido Cancelado" else [Status Pedido] ENDIF

(V_WString) Tipo do Pagamento = IF [Tipo do Pagamento] = "credit_card" then "Cartão de crédito" elseif [Tipo do Pagamento] = "boleto" then "Boleto" elseif [Tipo do Pagamento] = "voucher" then "Voucher" elseif [Tipo do Pagamento] = "debit_card" then "Cartão de Débito" else [Tipo do Pagamento] endif

(V_WString) Dias até Pedido Entregue = DateTimeDiff([Data de Entrega],[Data do Pedido],"days")

(V_WString) Cidade do Vendedor = TitleCase([Cidade do Vendedor])

(V_WString) Cidade do Cliente = TitleCase([Cidade do Cliente])

(V_WString) Categoria do Produto = Replace([Categoria do Produto], "_", " ")

(V_WString) Categoria do Produto = TitleCase([Categoria do Produto])

DbFileOutput

Property	Value
File.@MaxRecords	
File.@FileFormat	0
File.#text	Dataset_Olist_Pedidos_Produtos.csv

BrowseV2

Outputs:

isDisabled: False

Container Level: 0

Annotation: None

Tables/Queries:

Keys (joins):

Property Value

TempFile C:\Users\QW731HX\AppData\Local\Temp\Engine_16796_
ff3b5e73f24a2e4da7b538e751a1e48e_\Engine_16796_
fdd41f4629b08444921f6b5b022ff9da~.yxd