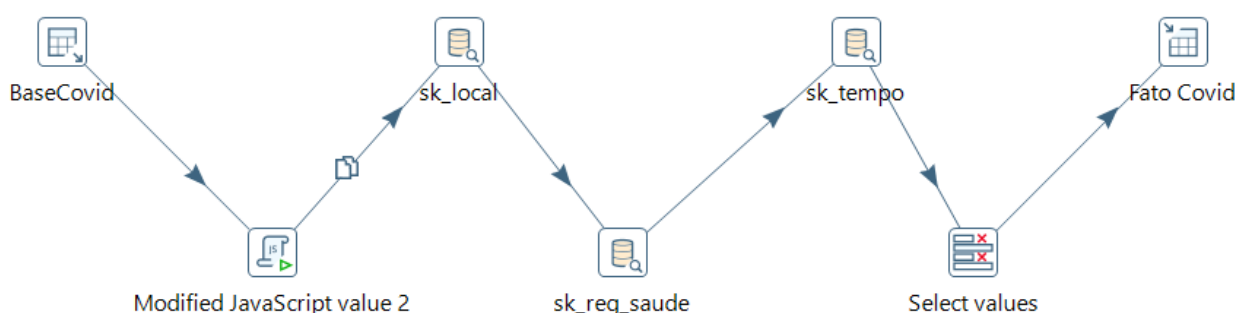


## Exercício 01 – Carga Fato

**1.1** Crie uma transformação chamada “01 - Fato”, e salve em uma nova pasta, “LAB09” em seu repositório. Traga os steps a seguir:

- table input
- Modified JavaScript value
- Databas lookup (3x)
- Select values
- Table output



**1.2** Faça o tratamento dos nulos:

Modified JavaScript value

Step name: Modified JavaScript value 2

JavaScript functions:

- Transform Scripts
- Transform Constants
- Transform Functions
- Input fields
  - regiao
  - estado
  - municipio
  - coduf
  - codmun
  - codregiaosaude
  - nomeregiaosaude
  - data
  - semanaepi
  - populacaotcu2019
  - casosacumulado
  - casosnovos
  - obitosacumulado
  - obitosnovos
  - recuperadosnovos
  - emacompanhamentonovos
  - interior\_metropolitana
- Output fields

JavaScript:

Script 1

```
//Script here

var v_dat_insert= new Date();

if (estado == null)
{
  estado = substr(regiao,1,2)}

if (codmun == null)
{
  codmun = coduf; }

if (municipio == null)
{
  municipio = estado; }
```

Linenr: 0

Compatibility mode?

Optimization level: 9

Fields

#	Fieldname	Rename to	Type	Length	Precision	Replace value 'Fieldname' or 'Rename to'
1	v_dat_insert		Date			N
2	codmun		Integer			Y
3	estado		String			Y
4	municipio		String			Y

Help

OK

Cancel

Get variables

Test script

### 1.3 Configure a lookup para a dimensão “dim\_local”:

Database lookup

Step name

Connection

Lookup schema

Lookup table

Enable cache? ☐

Cache size in rows (0=cache)

Load all data from table ☐

The key(s) to look up the value(s):

#	Table field	Comparator	Field1	Field2
1	codmun	=	codmun	

Values to return from the lookup table :

#	Field	New name	Default	Type
1	pk_local			None

Do not pass the row if the lookup fails ☐

Fail on multiple results? ☐

Order by

## 1.4 Configure a lookup para a dimensão “dim\_reg\_saude”:

Database lookup

Step name
sk\_reg\_saude

Connection
labsdw - dw
Edit...
New...
Wizard...

Lookup schema
dw
Browse...

Lookup table
dim\_reg\_saude
Browse...

Enable cache?
☐

Cache size in rows (0=cache
0

Load all data from table
☐

The key(s) to look up the value(s):

#	Table field	Comparator	Field1	Field2
1	codregiaosaude	=	codregiaosaude	

Values to return from the lookup table :

#	Field	New name	Default	Type
1	pk_reg_saude			None

Do not pass the row if the lookup fails
☐

Fail on multiple results?
☐

Order by

Help
OK
Cancel
Get Fields
Get lookup fields

## 1.5 Configure a lookup para a dimensão “dim\_tempo”:

Database lookup

Step name:

Connection:

Lookup schema:

Lookup table:

Enable cache? ☐

Cache size in rows (0=cache):

Load all data from table ☐

The key(s) to look up the value(s):

#	Table field	Comparator	Field1	Field2
1	data	=	data	

Values to return from the lookup table :

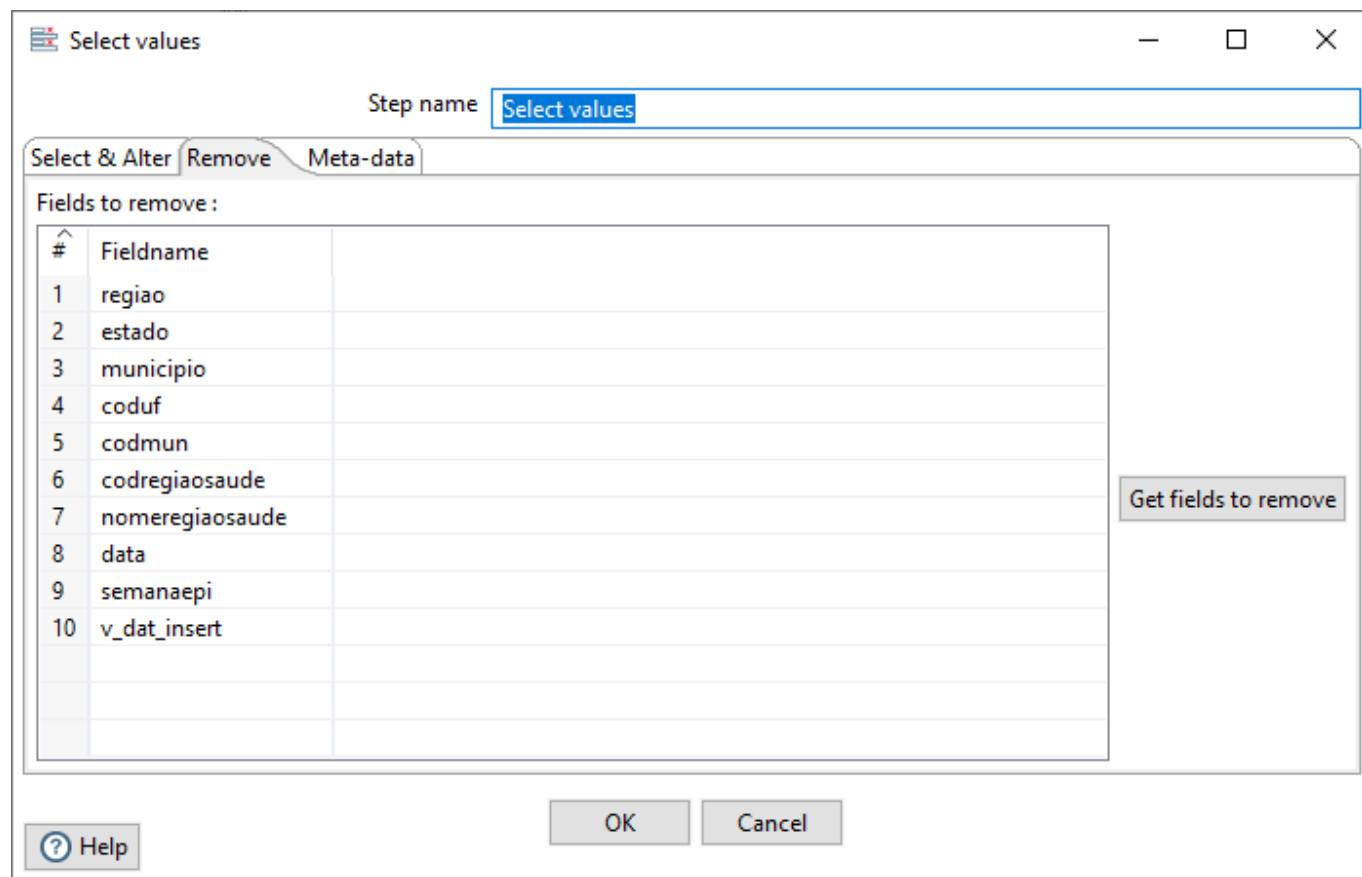
#	Field	New name	Default	Type
1	pk_tempo			Integer

Do not pass the row if the lookup fails ☐

Fail on multiple results? ☐

Order by:

## 1.6 Remova os campos não necessários à fato:



Select values

Step name:

Select & Alter Remove Meta-data

Fields to remove :

#	Fieldname
1	regiao
2	estado
3	municipio
4	coduf
5	codmun
6	codregiao saude
7	nome regioao saude
8	data
9	semana epi
10	v_dat_insert

Get fields to remove

Help OK Cancel

## 1.7 Crie a tabela de fatos e execute a transformação:

**Table output**

Step name:

Connection:

Target schema:

Target table:

Commit size:

Truncate table: ☒

Ignore insert errors: ☐

Specify database fields: ☒

**Main options** | **Database fields**

Partition data over tables: ☐

Partitioning field:

Partition data per month: ☒

Partition data per day: ☐

Use batch update for inserts: ☒

Is the name of the table defined in a field?: ☐

Field that contains name of table:

Store the tablename field: ☒

Return auto-generated key: ☐

Name of auto-generated key field: