

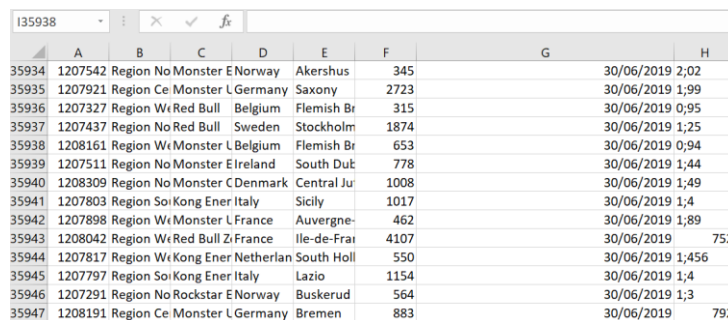
Nama	Utari Widya Ardhana
Role	Data Engineer Academy

## Tugas 2

1. Melakukan pembacaan data dari file lokal

Jawab :

- a. Membuka file dari lokal

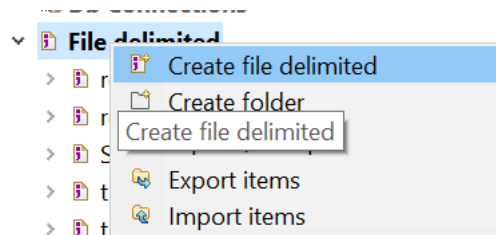


	A	B	C	D	E	F	G	H
35934	1207542	Region No Monster E Norway	Akershus		345		30/06/2019 2,02	
35935	1207921	Region Ce Monster L Germany	Saxony		2723		30/06/2019 1,99	
35936	1207327	Region Wt Red Bull Belgium	Flemish Br		315		30/06/2019 0,95	
35937	1207437	Region No Red Bull Sweden	Stockholm		1874		30/06/2019 1,25	
35938	1208161	Region Wt Monster L Belgium	Flemish Br		653		30/06/2019 0,94	
35939	1207511	Region No Monster E Ireland	South Dub		778		30/06/2019 1,44	
35940	1208309	Region No Monster C Denmark	Central Ju		1008		30/06/2019 1,49	
35941	1207803	Region So Kong Ener Italy	Sicily		1017		30/06/2019 1,4	
35942	1207898	Region Wt Monster L France	Auvergne-		462		30/06/2019 1,89	
35943	1208042	Region Wt Red Bull Zi France	Ile-de-Frai		4107		30/06/2019 752	
35944	1207817	Region Wt Kong Ener Netherlan	South Holl		550		30/06/2019 1,456	
35945	1207797	Region So Kong Ener Italy	Lazio		1154		30/06/2019 1,4	
35946	1207291	Region No Rockstar E Norway	Buskerud		564		30/06/2019 1,3	
35947	1208191	Region Ce Monster L Germany	Bremen		883		30/06/2019 792	

2. Menggabungkan data (Union) dari 6 file lokal menjadi satu tabel yang disimpan di file lokal (AllTransactions.csv)

Jawab :

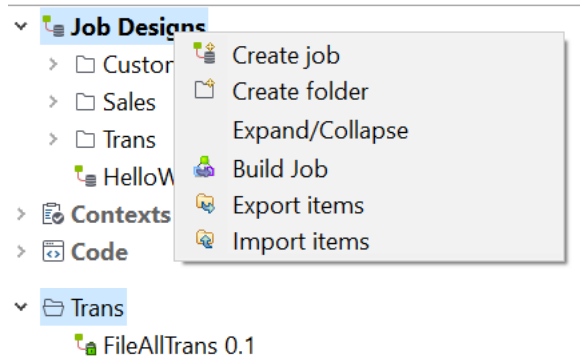
- a. Membuat file delimited terlebih dahulu



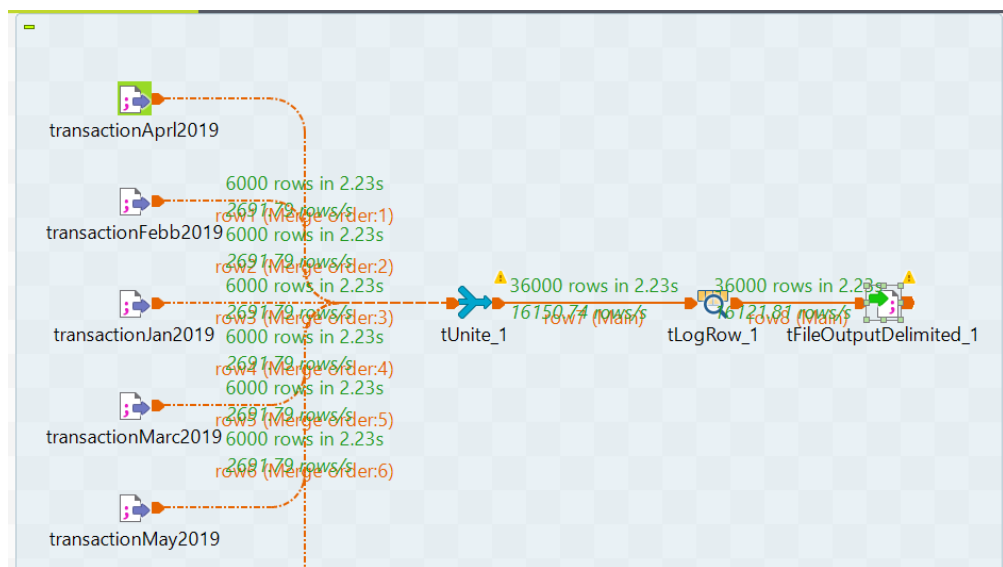
- b. Lakukan step by step dalam pembuatan file delimited sampai terbuat semuanya

- > transactionAprl2019 0.1
- > transactionFebb2019 0.1
- > transactionJan2019 0.1
- > transactionJun2019 0.1
- > transactionMarc2019 0.1
- > transactionMay2019 0.1

- c. Setelah itu buat folder baru beserta job baru



- d. Drag and drop file delimited yang sudah dibuat beserta dengan penggunaan komponen



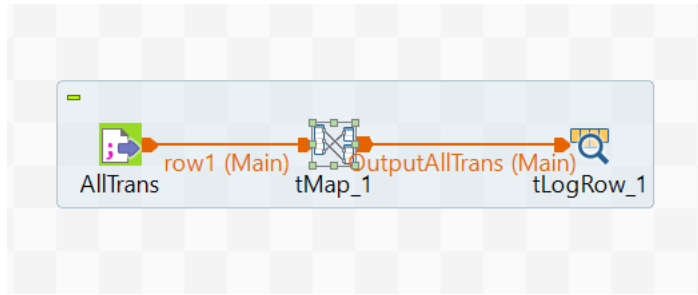
**tFileOutputDelimited\_1**

Basic settings	Property Type	Built-In
Advanced settings	<input type="checkbox"/> Use Output Stream	
Dynamic settings	File Name	"D:/Kuliah/Studi Independen/AllTransaction/AllTransaction.csv"
View	Row Separator	"\n"
Documentation	Field Separator	","

3. Loading data (AllTransactions.csv) yang sudah digabungkan ke dalam satu tabel di database msib\_task

Jawab :

- a. Drop File Delimited dan menggunakan tMap, tLogRow



b. Atur Schema pada tMap

Disini kita atur output dari row 1 yang akan keluar.

The screenshot shows the 'tMap\_1' component's schema configuration. The 'row1' schema is on the left, and the 'OutputAllTrans' schema is on the right. The 'Expression editor' is at the bottom, showing the mapping of columns from 'row1' to 'OutputAllTrans'.

Column	K...	Type	N	Date Pattern (C...	Length	Precision	Default	Comme...
_SalesID		String	<input checked="" type="checkbox"/>		9	0		
_Sales_Area		String	<input checked="" type="checkbox"/>		19	0		
_Product_Name		String	<input checked="" type="checkbox"/>		32	0		
_Country		String	<input checked="" type="checkbox"/>		16	0		

Column	K...	Type	N	Date Pattern (C...	Length	Precision	Default	Comme...
row1_SalesID		String	<input checked="" type="checkbox"/>		9	0		
row1_Sales_Area		String	<input checked="" type="checkbox"/>		19	0		
row1_Product_Name		String	<input checked="" type="checkbox"/>		32	0		
row1_Country		String	<input checked="" type="checkbox"/>		16	0		

c.