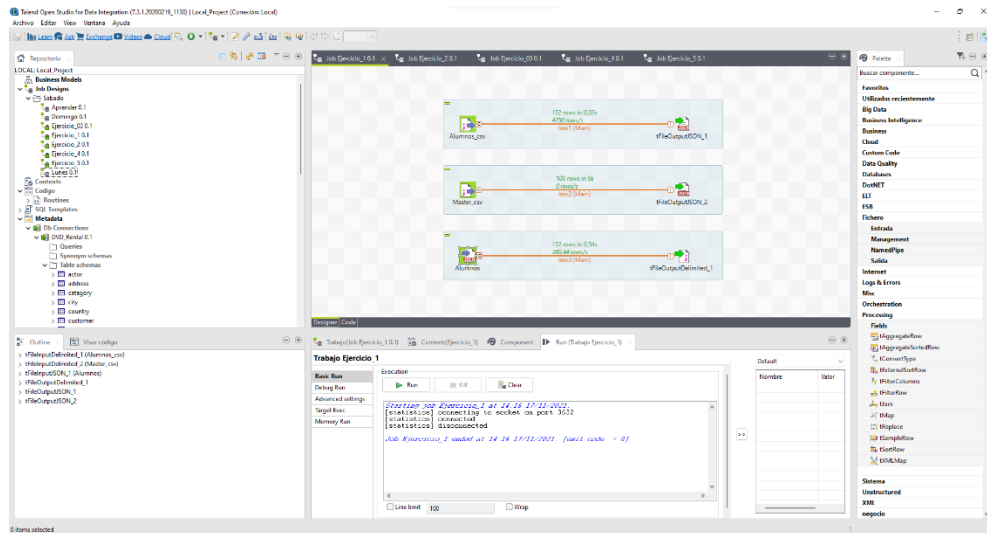
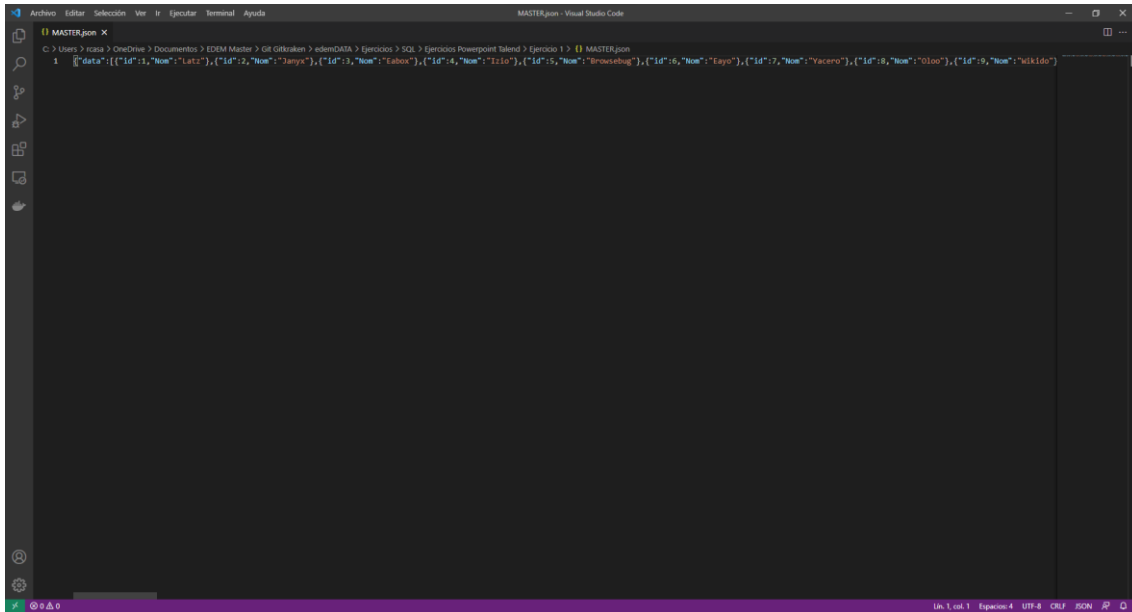


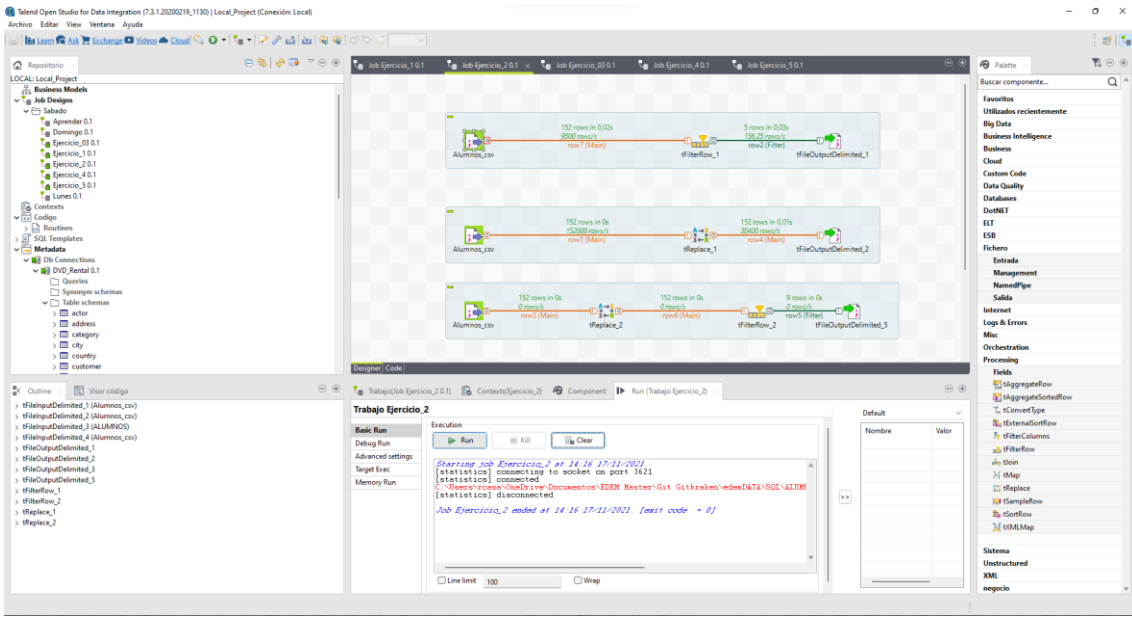
Ejercicios TALEND:

Ejercicio 1

[illegible]



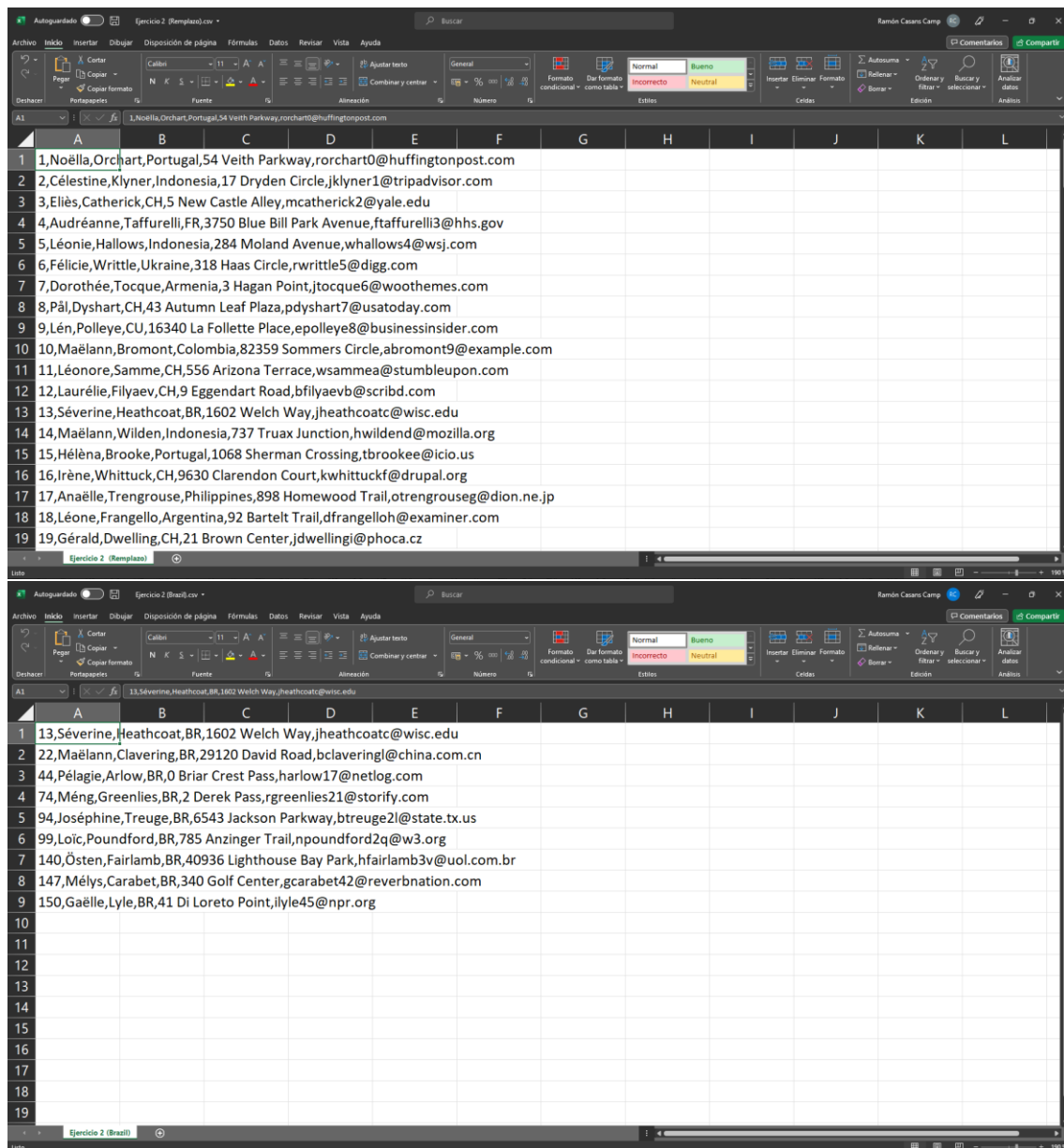
Ejercicio 2



The screenshot shows a Microsoft Excel spreadsheet with the following content in the first column (A1 to A5):

	A	B	C	D	E	F	G	H	I	J	K	L
1	1, Noëlla, Orchard, Portugal, 54 Veith Parkway, rorchart0@huffingtonpost.com											
2	15, Hélène, Brooke, Portugal, 1068 Sherman Crossing, tbrooke@icio.us											
3	45, Marylène, Duddy, Portugal, 485 Delladonna Terrace, oduddy18@samsung.com											
4	96, Bénédicte, Bampforth, Portugal, 5 Blaine Road, cbampforth2n@imageshack.us											
5	124, Yü, Keaves, Portugal, 423 Spenser Alley, akeaves3f@chicagotribune.com											
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												

The spreadsheet is titled "Ejercicio 2" and is located in the "Inicio" tab. The ribbon shows various options for formatting and editing. The search bar at the top is empty.



Ejercicio 4

The screenshot displays the Talend Open Studio for Data Integration (7.3.1.20200219.1130) Local Project (Conexión Local) interface. The main workspace shows a job design with the following components and data flow:

- Start** component (green triangle) connects to **tMap** (blue rectangle).
- tMap** component outputs **1000 rows in 1.78s** (567.48 rows/s) to **tAggregateRow_1** (blue rectangle).
- tAggregateRow_1** component outputs **5 rows in 0.02s** (217.2 rows/s) to **tFileOutputJSON_1** (green rectangle).

The **Trabajo Ejercicio_4** window is open, showing the execution log:

```
Starting Job Ejercicio_4 at 14:17:17-11-2021
[statistics] connecting to socket on port 3931
[statistics] connected
[statistics] disconnected
Job Ejercicio_4 ended at 14:17:17-11-2021. [exit code = 0]
```

The **Outline** pane on the left shows the project structure, including **Business Models**, **Jobs**, **Contexts**, **Code**, **SQL**, **Translations**, and **Metadata**. The **Metadata** pane shows the **DB Connections** section, including **DBO_Based_01** and **Table schemas**.

The screenshot shows a terminal window titled "Ejercicio 4.json - Visual Studio Code". The terminal displays the execution of a SQL query using the `sqlcmd` command:

```
C:\> Users\raisa> OneDrive> Documentos> EDEM Master> GR GitBraken> ademDATA> Ejercicios> SQL> Ejercicios Powerpoint Talend> Ejercicio 4> (I) Ejercicio 4.json
1  ["data":[{"rating":"R","column":195}, {"rating":"PG","column":194}, {"rating":"G","column":178}, {"rating":"NC-17","column":210}, {"rating":"PG-13","column":223}]]
```

The terminal output shows the query results in a JSON array format, with each row containing a rating and a column number.

