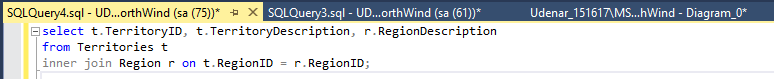
**William Mauricio Arcos Erazo**

**220034030**

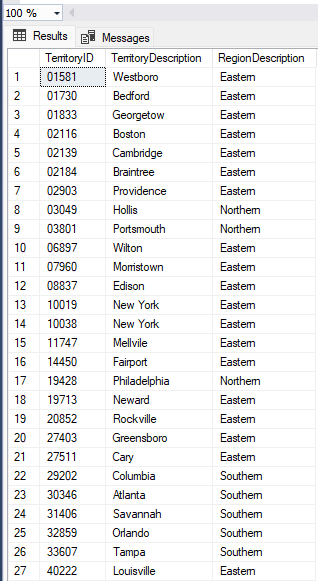
**Gabriela Lopez**

**219036113**

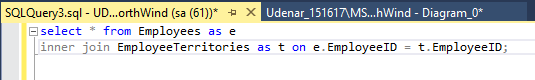
**1.**



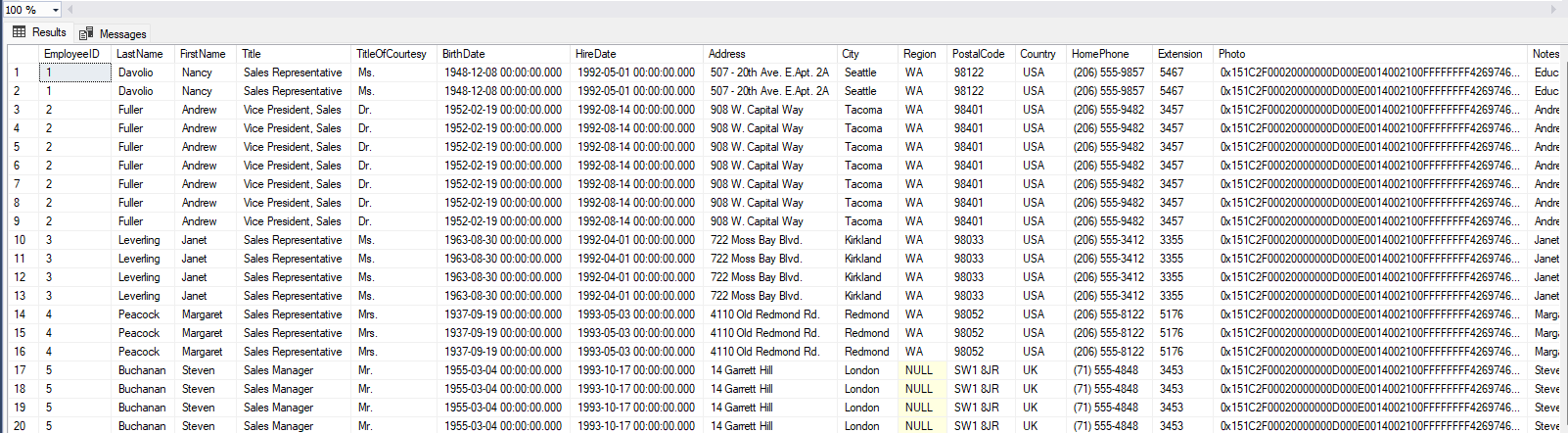
Resultado



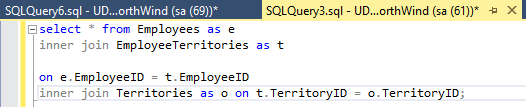
**1.1**



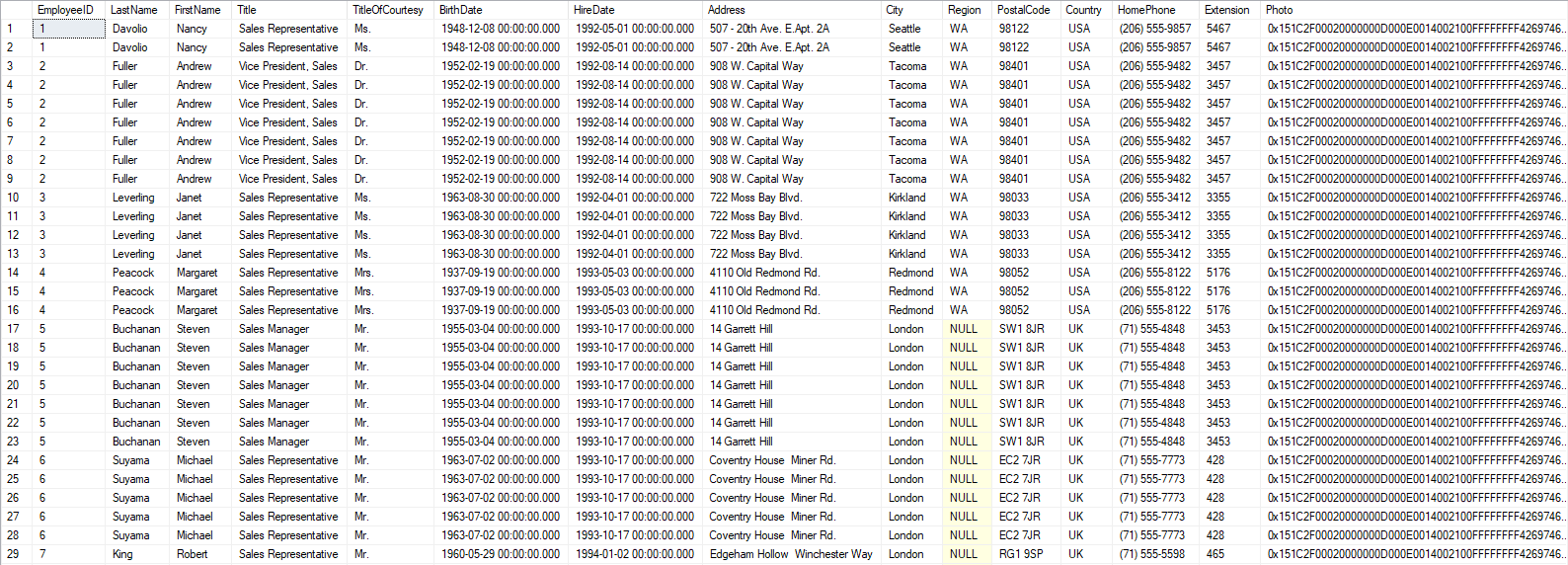
Resultado



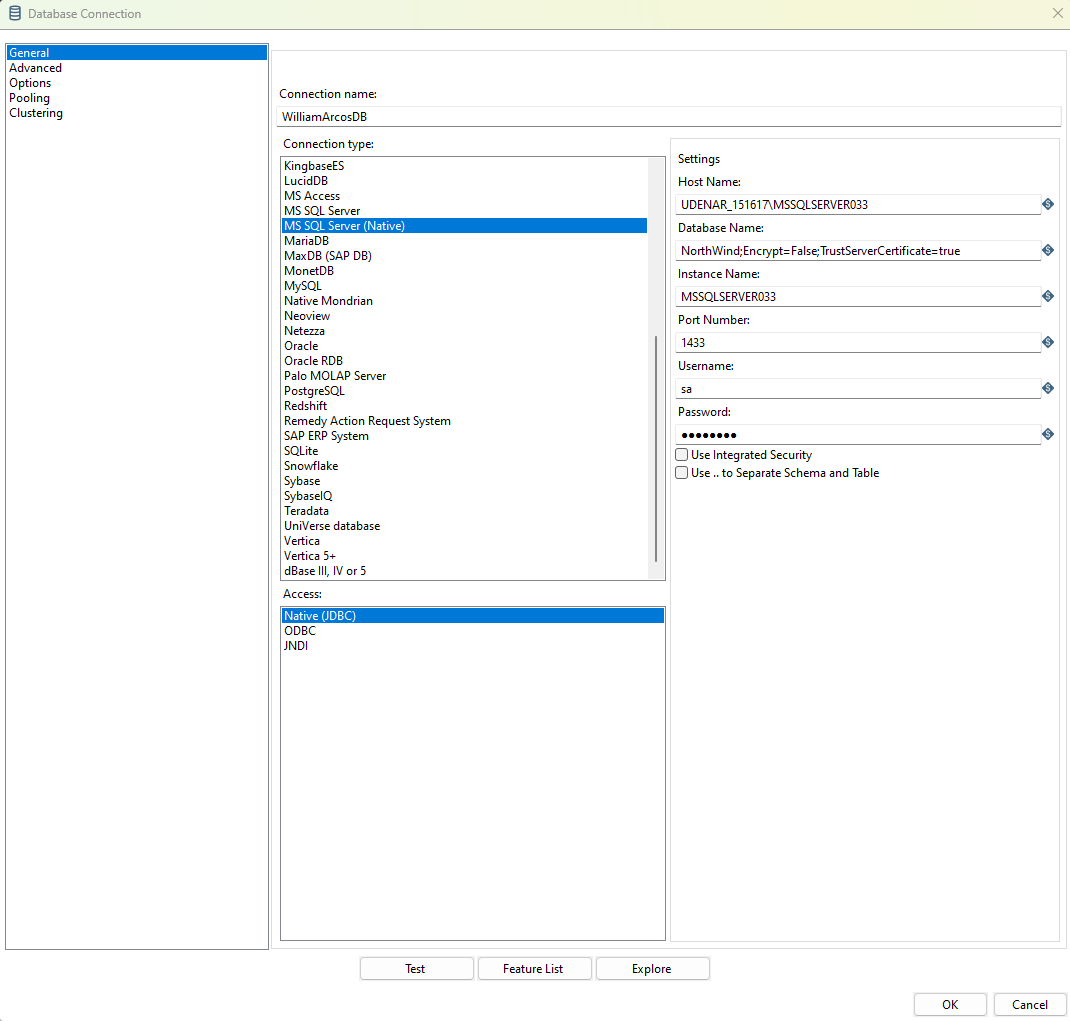
**1.2**



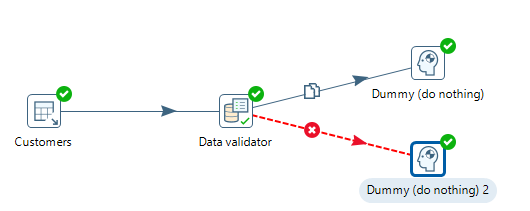
Resultado



**2.** Coneccion a la base de datos

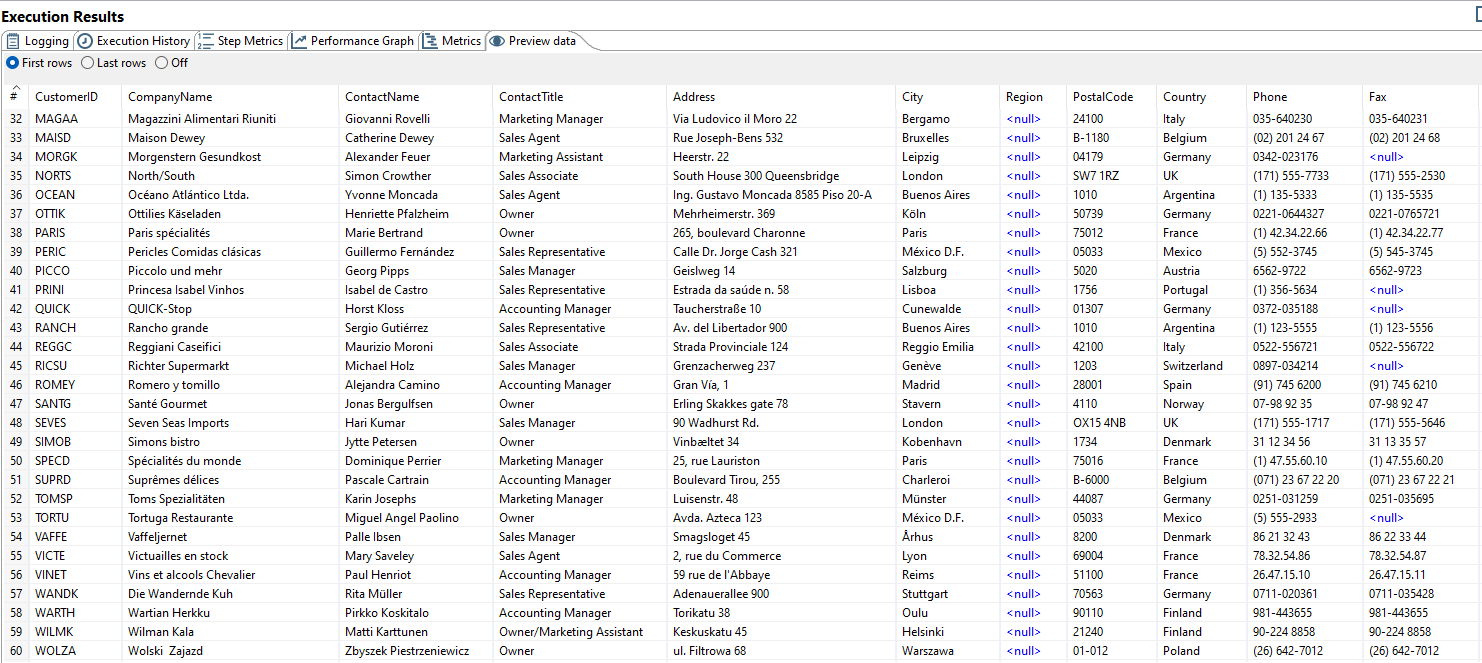


**2.1**

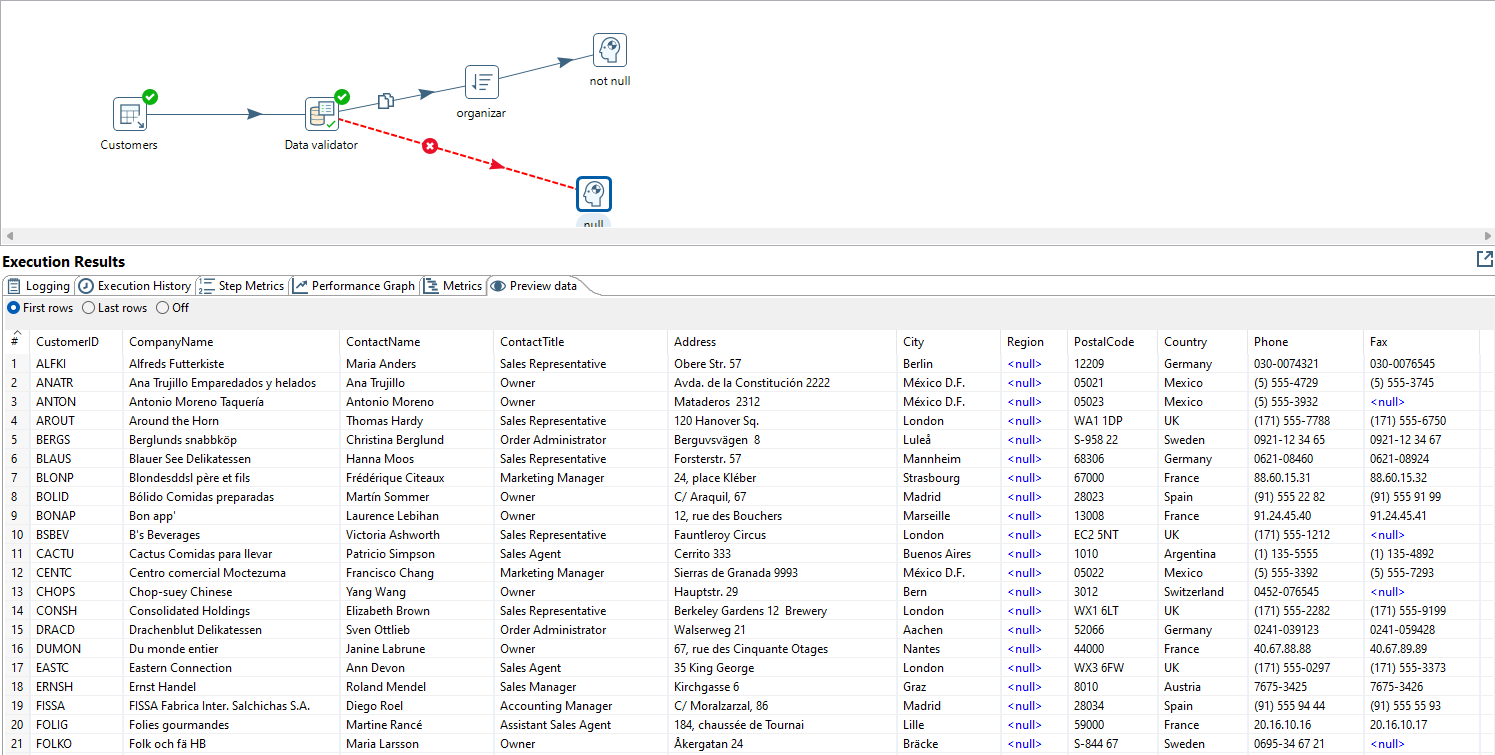


Resultado

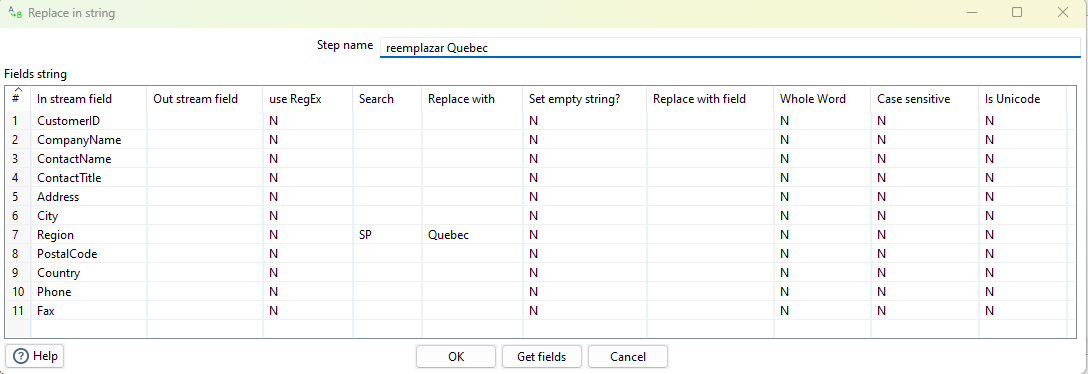




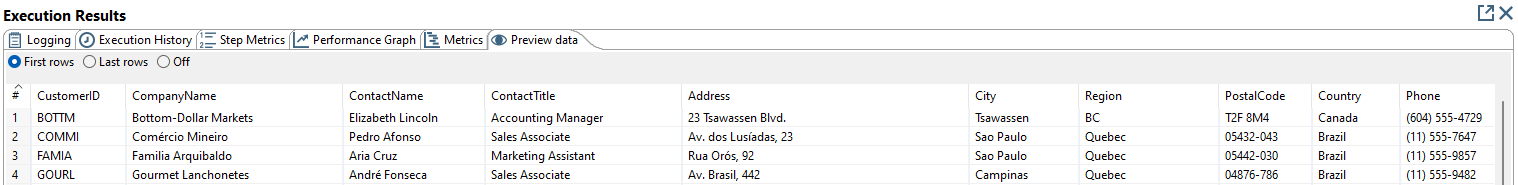
2.2 datos nulos



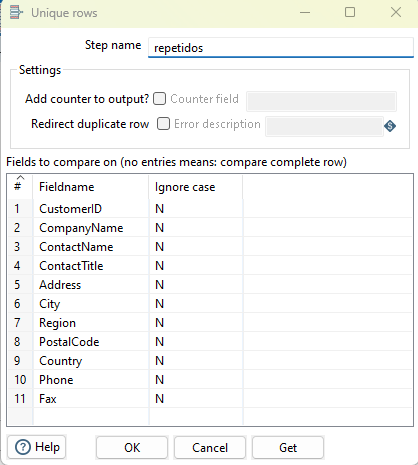
2.3 reemplazar



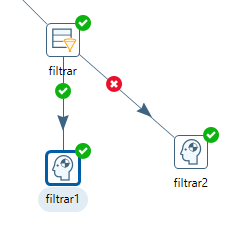
Resultado

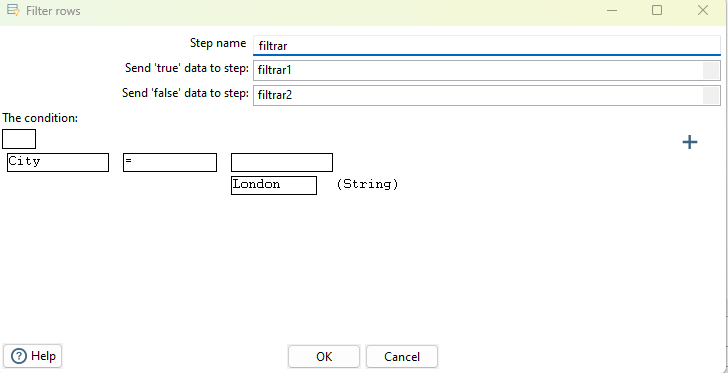


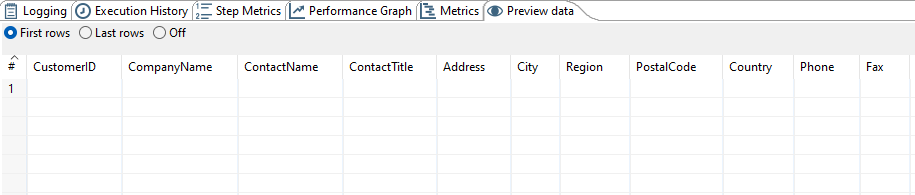
2.4 validación duplicados



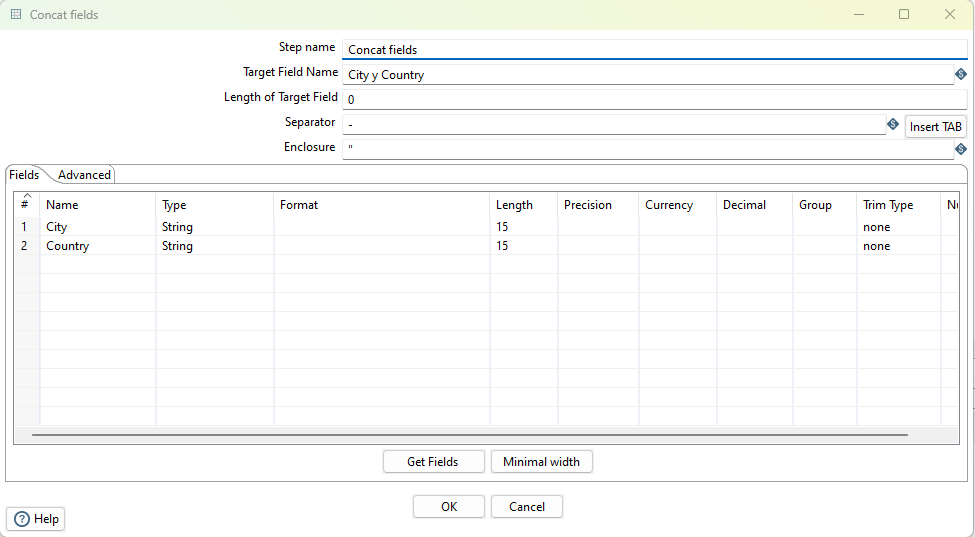
2.5 filtrar registros







2.5 Concat fields



Resultado



Final

