



Transform - json to parquet

```
from pyspark.sql.functions import col
```

```
# Ler dados do Bronze Layer
bronze_path = "/dbfs/tmp/bronze/"
bronze_df = spark.read.json(bronze_path)
```

```
# Realizar transformações
silver_df = bronze_df.select("id", "name", "brewery_type", "city", "state", "country") \
    .filter(col("country").isNotNull())
```

```
# Salvar dados transformados no Silver Layer particionado por localização
silver_path = "/dbfs/tmp/silver/"
silver_df.write.mode("overwrite").partitionBy("state", "city").parquet(silver_path)

# Exibir os dados para garantir que foram carregados corretamente
display(silver_df)
```

Table							
	id	name	brewery_type	city	state	country	
1	896f26a1-d80e-4790-9287-026a86c1799d	180 and Tapped	micro	Coraopolis	Pennsylvania	United States	
2	46839a79-b7bf-4733-b91b-ce116d062a57	1817 Brewery	micro	okolona	Mississippi	United States	
3	1a1b2165-73ed-40aa-b89b-56794d140f22	1840 Brewing Company	micro	Milwaukee	Wisconsin	United States	
4	fe6b9893-b93e-43d5-a9f6-3e0c89a3f13c	1850 Brewing Company	micro	Mariposa	California	United States	
5	b51f3cdf-60ff-4ae1-94a7-76906c7d62eb	18th Street Brewery	micro	Gary	Indiana	United States	
6	add7f978-942e-4d56-b209-c80837a51d69	18th Street Brewery	micro	Hammond	Indiana	United States	
7	dbde8235-2b55-4d8b-8b1c-438155abe1...	1905 Brewing Company	micro	Assumption	Illinois	United States	
8	4f4b5b34-d572-4dff-a18f-47e507c073e6	1912 Brewing	micro	Tucson	Arizona	United States	
9	03118499-a3d0-4c22-860d-4529509ae095	101 Brewery	brewpub	Quilcene	Washington	United States	
10	5ae467af-66dc-4d7f-8839-44228f89b596	101 North Brewing Company	closed	Petaluma	California	United States	
11	4ffda196-dd59-44a5-9eeb-57fd4b58f5a	105 West Brewing Co	micro	Castle Rock	Colorado	United States	
12	42aa37d5-8384-4ffe-8c81-7c982eff0384	10K Brewing	micro	Anoka	Minnesota	United States	
13	232e8f62-9afc-45f5-b4bc-582c26b5c43b	10th District Brewing Company	micro	Abington	Massachusetts	United States	
14	08f78223-24f8-4b71-b381-ea19a5b82df	11 Below Brewing Company	micro	Houston	Texas	United States	
15	5128df48-79fc-4f0f-8b52-d06be54d0cec	(405) Brewing Co	micro	Norman	Oklahoma	United States	
50 rows							

Table							

	path	name	size	modificationTime
1	dbfs:/dbfs/tmp/silver/_SUCCESS	_SUCCESS	0	1721782676000
2	dbfs:/dbfs/tmp/silver/_committed_37225217862922820...	_committed_37225217862922820...	35	1721782674000
3	dbfs:/dbfs/tmp/silver/beereries/	beereries/	0	0
4	dbfs:/dbfs/tmp/silver/state=Arizona/	state=Arizona/	0	0
5	dbfs:/dbfs/tmp/silver/state=California/	state=California/	0	0
6	dbfs:/dbfs/tmp/silver/state=Colorado/	state=Colorado/	0	0
7	dbfs:/dbfs/tmp/silver/state=Delaware/	state=Delaware/	0	0
8	dbfs:/dbfs/tmp/silver/state=Idaho/	state=Idaho/	0	0
9	dbfs:/dbfs/tmp/silver/state=Illinois/	state=Illinois/	0	0
10	dbfs:/dbfs/tmp/silver/state=Indiana/	state=Indiana/	0	0
11	dbfs:/dbfs/tmp/silver/state=Iowa/	state=Iowa/	0	0
12	dbfs:/dbfs/tmp/silver/state=Laois/	state=Laois/	0	0
13	dbfs:/dbfs/tmp/silver/state=Maryland/	state=Maryland/	0	0
14	dbfs:/dbfs/tmp/silver/state=Massachusetts/	state=Massachusetts/	0	0
15	dbfs:/dbfs/tmp/silver/state=Michigan/	state=Michigan/	0	0
30 rows				