

Overview: I'm going to use SQL\*Loader in order to import information from an external source into the Oracle Database. I'll be importing the rows from Product\_Part\_Names\_File.csv into table IMPORT\_NEW\_PRODUCT. Look at Implementation #3 of how I used SQL\*Loader to do this.

Step 1: After importing the csv file into IMPORT\_NEW\_PRODUCT, we will get

```

9  SELECT *
0  FROM IMPORT_NEW_PRODUCTS;

```

Script Output x Query Result x

SQL | All Rows Fetched: 45 in 0.002 seconds

	SUPPLIER_ID	PART_NUMBER	PRODUCT_NAME	UNIT_PRICE
1		4 42757085	Brake_Pad_1	80.63
2		4 84769879	Brake_Pad_2	84.58
3		4 19286095	Brake_Pad_3	41.45
4		4 19286027	Brake_Pad_4	24.12
5		4 19286123	Brake_Pad_5	49.19
6		2 1551-0703-00	Brake_Pad_6	32.5
7		2 1310-1892-00	Brake_Pad_7	43.59
8		2 1400-1303-00	Brake_Pad_8	78.13
9		2 1310-1185-00	Brake_Pad_9	46.93
10		2 1310-1324-00	Brake_Pad_10	23.79
11		4 19302744	Spark_Plug_1	2.59
12		4 12622441	Spark_Plug_2	9.8
13		4 19417055	Spark_Plug_3	9.8
14		4 19299585	Spark_Plug_4	8.05
15		4 12620540	Spark_Plug_5	9.8

Step 2: We will now add these items into the table PRODUCT\_PART\_NAMES by executing READ\_CSV\_PART\_NAMES. If the product has already been added into the table, then it will skip that line to avoid duplicates.

Preview of PRODUCT\_PART\_NAMES Table

	P_ID	SUPPLIER_ID	PART_NUMBER	PRODUCT_NAME	UNIT_PRICE
1	1		4 42757085	Brake_Pad_1	80.63
2	2		4 84769879	Brake_Pad_2	84.58
3	3		4 19286095	Brake_Pad_3	41.45
4	4		4 19286027	Brake_Pad_4	24.12
5	5		4 19286123	Brake_Pad_5	49.19
6	6		2 1551-0703-00	Brake_Pad_6	32.5

Final Explanation: This table will hold all the information about the products and their suppliers. If the price needs to be updated, then it will occur here.

Note: I've added the procedures into my github.