Day 2 Progress

Today I wrote the **Python script** that takes CSV files and adds them to an SQL database table.
Features:

- Able to connect to an SQL database (fully accessible through mysql connector python)
- CSV files are read by the script and added to an SQL database
- The table names are based on the CSV file names
- Data types are automatically recognized by the script and added to the database accordingly (For example: VARCHAR, DOUBLE, DATETIME)
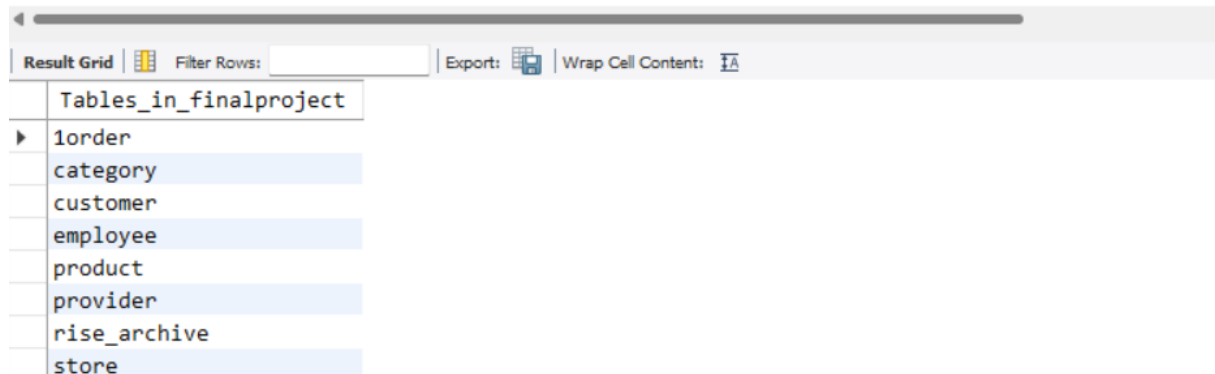- The script is reusable for any CSV file

Important thing to note, I had to rename the 'order.csv' file to '1order.csv'. This is because the word 'order' is conflicting with the 'order' keyword in SQL.

The code is available at this link:
https://github.com/balazsboldogh/wiley_data_analysis/tree/main/FinalProject/py_files
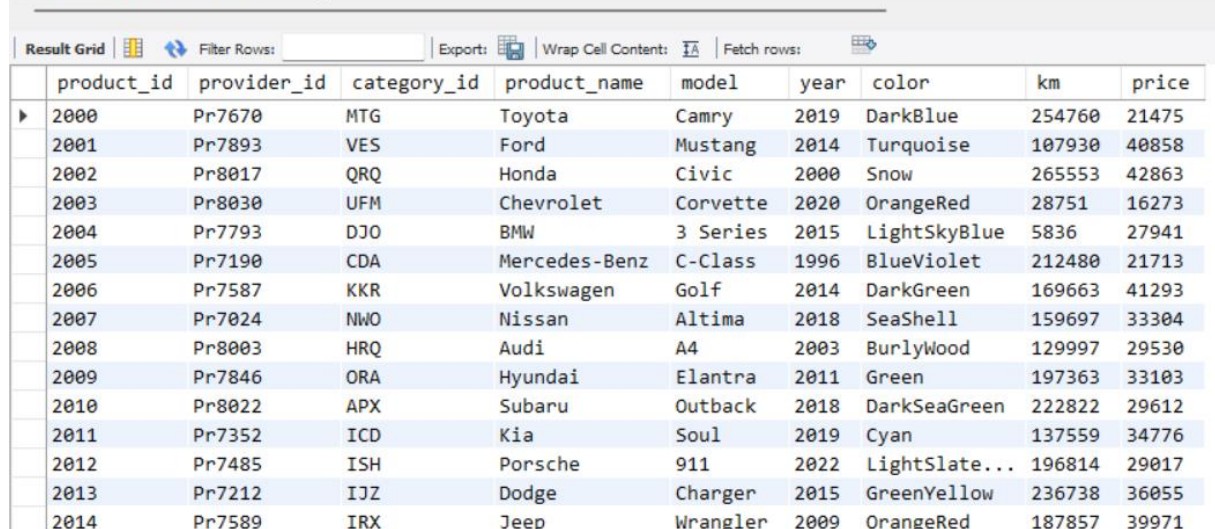**Tables inserted** into the database using the code:

```
3 •    show tables;
4
```

Tables_in_finalproject
1order
category
customer
employee
product
provider
rise_archive
store

Example table content:

```
5 •    select * from product
```

product_id	provider_id	category_id	product_name	model	year	color	km	price
2000	Pr7670	MTG	Toyota	Camry	2019	DarkBlue	254760	21475
2001	Pr7893	VES	Ford	Mustang	2014	Turquoise	107930	40858
2002	Pr8017	QRQ	Honda	Civic	2000	Snow	265553	42863
2003	Pr8030	UFM	Chevrolet	Corvette	2020	OrangeRed	28751	16273
2004	Pr7793	DJO	BMW	3 Series	2015	LightSkyBlue	5836	27941
2005	Pr7190	CDA	Mercedes-Benz	C-Class	1996	BlueViolet	212480	21713
2006	Pr7587	KKR	Volkswagen	Golf	2014	DarkGreen	169663	41293
2007	Pr7024	NWO	Nissan	Altima	2018	SeaShell	159697	33304
2008	Pr8003	HRQ	Audi	A4	2003	BurlyWood	129997	29530
2009	Pr7846	ORA	Hyundai	Elantra	2011	Green	197363	33103
2010	Pr8022	APX	Subaru	Outback	2018	DarkSeaGreen	222822	29612
2011	Pr7352	ICD	Kia	Soul	2019	Cyan	137559	34776
2012	Pr7485	ISH	Porsche	911	2022	LightSlate...	196814	29017
2013	Pr7212	IJZ	Dodge	Charger	2015	GreenYellow	236738	36055
2014	Pr7589	IRX	Jeep	Wrangler	2009	OrangeRed	187857	39971