



M2\_UF2\_TASCA1



# Import and Export Database

**Abdul Hanan Sadiq  
1DAM**

**Professor: Carles Monroig  
Curs 2023/2024  
IES Castellet  
Sant Vicenç de Castellet**



## INDEX

1- PART 1.....	2
2- PART 2.....	5
3- PART 3.....	6



## PART 1:

Primer de tot descarreguem el fitxer ods2\_zip, que dins d'aquest fitxer hi ha 2 dos fitxers .ods, però estan en format full de càlcul i hem de convertir-los en format .CSV.

Primer obrim un fitxer i s'obrirà el full de càlcul i l'obrim després li donem a arxius i li donem a "guardar com" i ens apareixerà el tipus de format que volem guardar, i després apareix el requadre de la següent imatge, canviem "." per "," on posa delimitador de camps, i al final li donem a guardar i es guarda com a format .CSV.

The screenshot shows a spreadsheet application with a table of employee data. The table has columns: EMPNO, ENAME, JOB, MGR, HIREDATE, SALARY, COMM, and DEPTNO. The data is as follows:

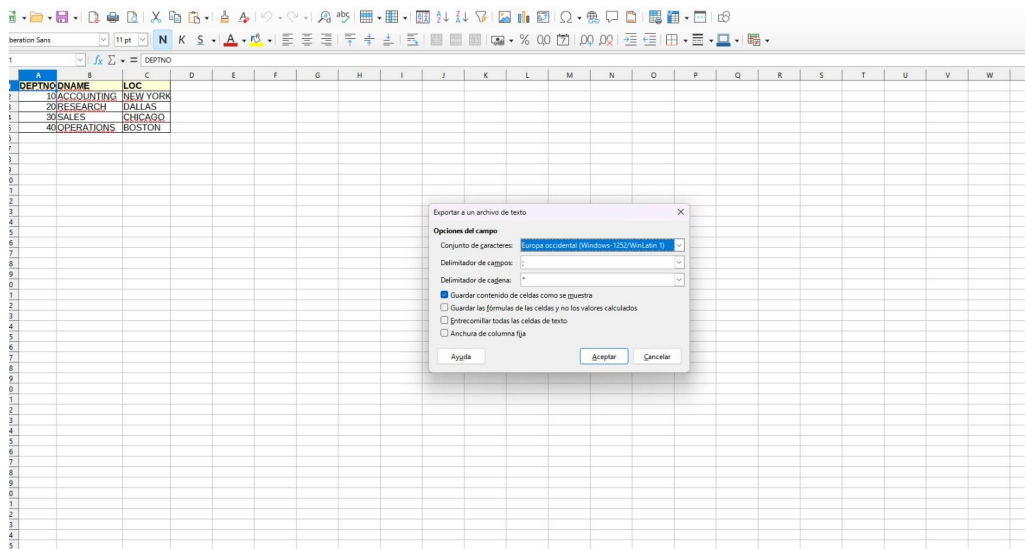
EMPNO	ENAME	JOB	MGR	HIREDATE	SALARY	COMM	DEPTNO
7839	KING	PRESIDENT		2014-02-20	5000		10
7698	BLAKE	MANAGER	7839	2014-05-01	2850		30
7782	CLARK	MANAGER	7839	2014-06-09	2450		10
7566	JONES	MANAGER	7839	2014-04-02	2975		20
7654	MARTIN	SALESMAN	7698	2014-09-28	1250	1400	30
7499	ALLEN	SALESMAN	7698	2014-02-20	1600	300	30
7844	TURNER	SALESMAN	7698	2014-09-08	1500	0	30
7900	JAMES	CLERK	7698	2014-12-03	950		30
7521	WARD	SALESMAN	7698	2014-02-22	1250	500	30
7902	FORD	ANALYST	7566	2013-12-03	3000		20
7369	SMITH	CLERK	7902	2012-12-17	800		20
7788	SCOTT	ANALYST	7566	2015-12-09	3000		20
7876	ADAMS	CLERK	7788	2016-01-12	1100		20
7934	MILLER	CLERK	7782	2015-01-23	1300		10

Overlaid on the spreadsheet is a dialog box titled "Exportar a un archivo de texto". The dialog box contains the following options:

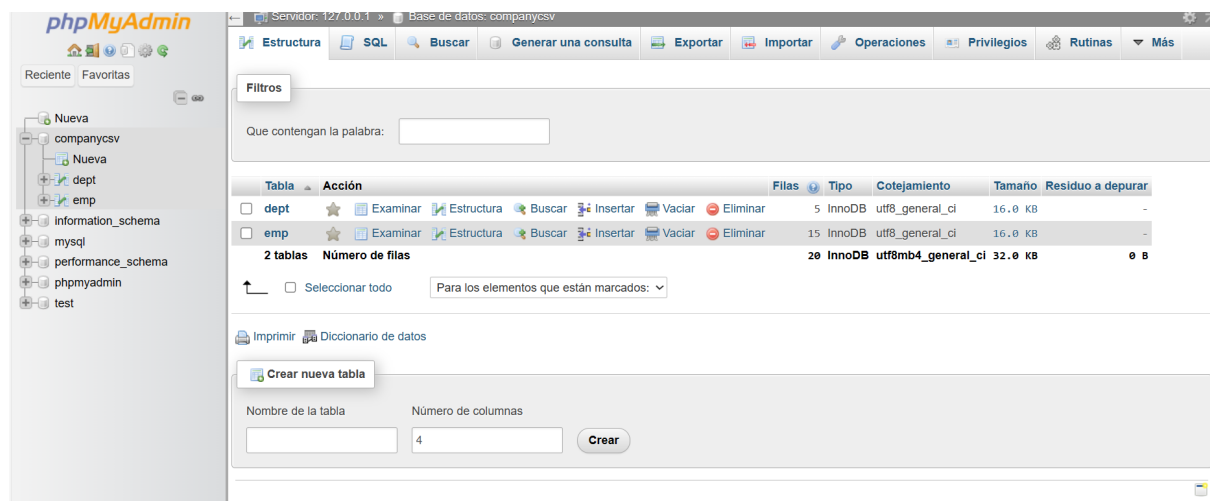
- Conjunto de caracteres: Europa occidental (Windows-1252/WinLatin 1)
- Delimitador de campos: |
- Delimitador de cadena: "
- ☒ Guardar contenido de celdas como se muestra
- ☐ Guardar las fórmulas de las celdas y no los valores calculados
- ☐ Entrecorillar todas las celdas de texto
- ☐ Anchura de columna fija

Buttons at the bottom: Ayuda, Aceptar, Cancelar.

Fem el mateix amb l'altre document:



Després de canviar a format .CSV, obrim phpmyadmin i creem una nova base de dades anomenada companyCSV i importem els dos fitxers .CSV a la base de dades que hem creat:



Em sortia un error, que el fitxer estava en una sola columna i després de mirar una mica, vaig arreglar l'error, l'error estava quan li donava a importar em sortia que les columnes estan demilitades per ".", i el vaig canviar a ";" i després em van sortir la columnes en diferents taules.



COL 1	COL 2	COL 3	COL 4	COL 5	COL 6	COL 7	COL 8
EMPNO	ENAME	JOB	MGR	HIREDATE	SALARY	COMM	DEPTNO
7839	KING	PRESIDENT		2014-02-20	5000		10
7698	BLAKE	MANAGER	7839	2014-05-01	2850		30
7782	CLARK	MANAGER	7839	2014-06-09	2450		10
7566	JONES	MANAGER	7839	2014-04-02	2975		20
7654	MARTIN	SALESMAN	7698	2014-09-28	1250	1400	30
7499	ALLEN	SALESMAN	7698	2014-02-20	1600	300	30
7844	TURNER	SALESMAN	7698	2014-09-08	1500	0	30
7900	JAMES	CLERK	7698	2014-12-03	950		30
7521	WARD	SALESMAN	7698	2014-02-22	1250	500	30
7902	FORD	ANALYST	7566	2013-12-03	3000		20
7369	SMITH	CLERK	7902	2012-12-17	800		20
7788	SCOTT	ANALYST	7566	2015-12-09	3000		20
7876	ADAMS	CLERK	7788	2016-01-12	1100		20
7934	MILLER	CLERK	7782	2015-01-23	1300		10

Ara obrem la línia de comandes i busquem "mysql -u root -p"

```
C:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 225
Server version: 10.4.28-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> USE companycsv
Database changed
MariaDB [companycsv]> SHOW TABLES;
+-----+
| Tables_in_companycsv |
+-----+
| dept                  |
| emp                   |
+-----+
2 rows in set (0.001 sec)

MariaDB [companycsv]> |
```

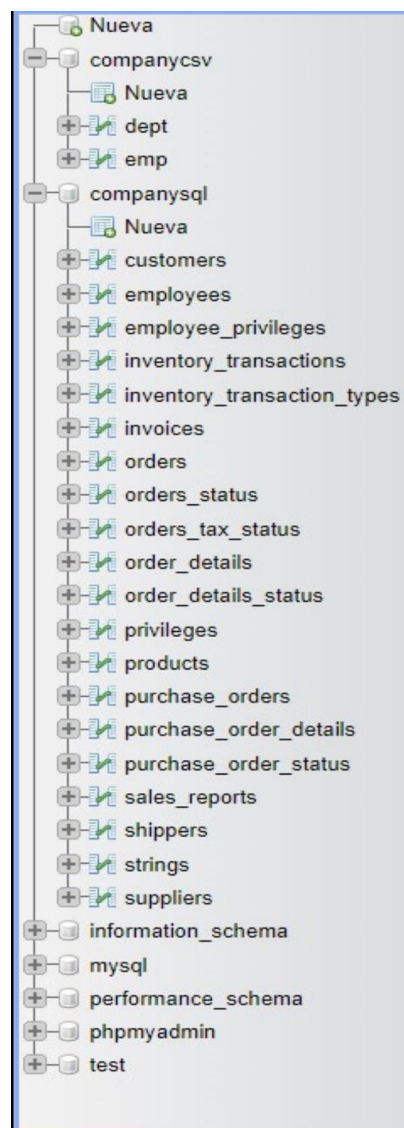
Després surt MariaDB (none), aquí cal indicar la base de dades que farem servir perquè mostri els dos fitxers. Utilitzem "USE companycsv" on companycsv és el nombre de la base de dades.



Després posem que en mostri les taules de la base de dades i ens mostra tal com indica en la foto.

## PART 2:

Utilitzem el phpmyadmin I importem una nova base de dades anomenada northwind.sql, i li canviem el nom a la base de dades, el nou nom és companysql.





Ara entrem a la base de dades que hem creat. I per línia de comandes mostrem l'estructura d'una de les taules

```
MariaDB [northwind]> SELECT * FROM suppliers;
```

id	company	last_name	first_name	email_address	job_title	business_phone	home_phone	mobile_phone	fax_number	address	city	state_province	zip_postal_code	country_region	web_page	notes	attachments
1	Supplier A	Andersen	Elizabeth A.	NULL	Sales Manager	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
2	Supplier B	Weiler	Cornelia	NULL	Sales Manager	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
3	Supplier C	Kelley	Madeleine	NULL	Sales Representative	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
4	Supplier D	Sato	Naoki	NULL	Marketing Manager	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
5	Supplier E	Hernandez-Echevarria	Amaya	NULL	Sales Manager	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
6	Supplier F	Hayakawa	Satomi	NULL	Marketing Assistant	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7	Supplier G	Glasson	Stuart	NULL	Marketing Manager	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
8	Supplier H	Dunton	Bryn Paul	NULL	Sales Representative	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
9	Supplier I	Sandberg	Mikael	NULL	Sales Manager	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
10	Supplier J	Sousa	Luis	NULL	Sales Manager	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

10 rows in set (0.000 sec)

Fem servir “SELECT \* FORM suppliers” on suppliers es la taula que volem que mostri.

## PART 3:

Tornem a import el mateix fitxer northwind.sql, però ara fem per línia de comandes i no per phpmyadmin, i li posem el mateix comanda “mysql -u root -p”, després per obrir per línia de comandes posem “source” i el archiu de northwind.sql. Premem enter s’obre el fitxer northwind per línia de comandes.



```
ahsch@ABDUL c:\xampp
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 294
Server version: 10.4.28-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> source C:\Users\ahsch\Downloads\DAM\BBDD\northwind.sql
Query OK, 0 rows affected (0.000 sec)

Query OK, 0 rows affected (0.001 sec)

Query OK, 0 rows affected (0.000 sec)

Query OK, 20 rows affected (0.135 sec)

Query OK, 1 row affected (0.001 sec)

Database changed
Query OK, 0 rows affected (0.028 sec)

Query OK, 0 rows affected (0.030 sec)

Query OK, 0 rows affected (0.008 sec)
```

Ara entrem en northwind i mostrem 1 taula amb SELECT per línia de comandes

```
MariaDB [northwind]> SELECT * FROM CUSTOMERS;
```

id	company	last_name	first_name	email_address	job_title	business_phone	home_phone	mobile_phone	fax_number
address	city	state_province	zip_postal_code	country_region	web_page	notes	attachments		
1   Company A	Bedecs	Anna	NULL	Owner	(123)555-0100	NULL	NULL	(123)555-010	
1   123 1st Street	Seattle	WA	99999	USA	NULL	NULL	NULL	(123)555-010	
2   Company B	Gratacos Solsona	Antonio	NULL	Owner	(123)555-0100	NULL	NULL	(123)555-010	
1   123 2nd Street	Boston	MA	99999	USA	NULL	NULL	NULL	(123)555-010	
3   Company C	Axen	Thomas	NULL	Purchasing Representative	(123)555-0100	NULL	NULL	(123)555-010	
1   123 3rd Street	Los Angeles	CA	99999	USA	NULL	NULL	NULL	(123)555-010	
4   Company D	Lee	Christina	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-010	
1   123 4th Street	New York	NY	99999	USA	NULL	NULL	NULL	(123)555-010	
5   Company E	OOCODonnell	Martin	NULL	Owner	(123)555-0100	NULL	NULL	(123)555-010	
101   123 5th Street	Minneapolis	MN	99999	USA	NULL	NULL	NULL	(123)555-010	
6   Company F	Pérez-Olaeta	Francisco	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-010	
01   123 6th Street	Milwaukee	WI	99999	USA	NULL	NULL	NULL	(123)555-010	
7   Company G	Xie	Ming-Yang	NULL	Owner	(123)555-0100	NULL	NULL	(123)555-010	
1   123 7th Street	Boise	ID	99999	USA	NULL	NULL	NULL	(123)555-010	
8   Company H	Andersen	Elizabeth	NULL	Purchasing Representative	(123)555-0100	NULL	NULL	(123)555-010	
1   123 8th Street	Portland	OR	99999	USA	NULL	NULL	NULL	(123)555-010	
9   Company I	Mortensen	Sven	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-010	
1   123 9th Street	Salt Lake City	UT	99999	USA	NULL	NULL	NULL	(123)555-010	
10   Company J	Wacker	Roland	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-010	
1   123 10th Street	Chicago	IL	99999	USA	NULL	NULL	NULL	(123)555-010	
11   Company K	Krschne	Peter	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-010	
1   123 11th Street	Miami	FL	99999	USA	NULL	NULL	NULL	(123)555-010	
12   Company L	Edwards	John	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-010	
1   123 12th Street	Las Vegas	NV	99999	USA	NULL	NULL	NULL	(123)555-010	
13   Company M	Ludick	Andre	NULL	Purchasing Representative	(123)555-0100	NULL	NULL	(123)555-010	
1   456 13th Street	Memphis	TN	99999	USA	NULL	NULL	NULL	(123)555-010	
14   Company N	Grilo	Carlos	NULL	Purchasing Representative	(123)555-0100	NULL	NULL	(123)555-010	
1   456 14th Street	Denver	CO	99999	USA	NULL	NULL	NULL	(123)555-010	
15   Company O	Kupkova	Helena	NULL	Purchasing Manager	(123)555-0100	NULL	NULL	(123)555-010	
1   456 15th Street	Honolulu	HI	99999	USA	NULL	NULL	NULL	(123)555-010	

Com es mostra en la imatge, utilitzem “SELECT \* FROM customers” on customers és la primera taula.

**-Llista les taules de la BBDD.**





Per llistar totes les taules utilitzem “SHOW TABLES” i ens mostra totes les taules.

```
MariaDB [northwind]> SHOW TABLES;
+-----+
| Tables_in_northwind |
+-----+
| customers            |
| employee_privileges  |
| employees            |
| inventory_transaction_types |
| inventory_transactions |
| invoices            |
| order_details        |
| order_details_status |
| orders              |
| orders_status        |
| orders_tax_status    |
| privileges           |
| products            |
| purchase_order_details |
| purchase_order_status |
| purchase_orders      |
| sales_reports        |
| shippers            |
| strings             |
| suppliers            |
+-----+
20 rows in set (0.001 sec)
```