#### CSV2SQL Setup From Scratch

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## Step 1 : Database in MySQL Playground

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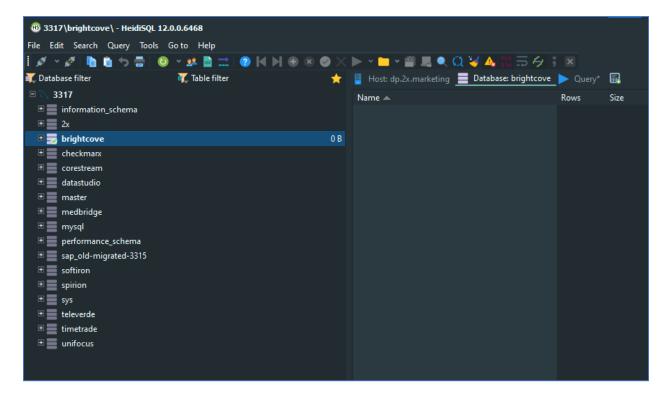
- Check if there is a database for client in Playground.
- If yes, proceed to Step 2.
- If no, create a database.
  - Right click the session name (uses a port number).
  - Select "Create New".
  - Select "Database".

<u>₿</u> 3	317\ - HeidiS	QL 1	2.0.0.6468			
File	Edit Search	Q	uery Tools Goto He	elp		
1 💉	- 💉 📭	Û.	· 5 🚍 🛛 🛛 🔹 🛤	🗎 📰 🛛 🖂	$\mathbb{H} \oplus \otimes \mathbb{O} \times \mathbb{I}$	> ~ 🧀 ~ 🗐 .
🏹 Da	tabase filter		🏹 Tabl	e filter	*	📕 Host: dp.2x.m
	3317	_				📕 Databases (16
۲	informatio	-			-	Database 🔺
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۲	checkman		E <u>m</u> pty table(s)	Shift+Del		checkmarx
E	corestrean	-				Corestream
	datastudio			ŀ	<u>D</u> atabase	Istudio
•	master		Clear data tab filter		Table	rmation_
Ð	medbridge	#	Export database as SQL		Table copy	ter
€	mysql	S	M <u>a</u> intenance			lbridge
Ð	performan sap old-m		Find text on server	Shift+Ctrl+F	<u>Stored procedure</u>	ql
Đ	sap_olu-m	۲	<u>B</u> ulk table editor		Stored function	ormance
Ð	spirion	Ŧ	Expand all		Trigger	old-mig
æ	sys		C <u>o</u> llapse all		Event Event	Iron
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			Connection properties			
		4	<u>D</u> isconnect			

• Insert name for database (convention: small letters, no space).

Create database	· •••			×	
<u>N</u> ame:	brightcove	e			
Collation:	utf8mb4_unicode_ci 🗸 🗸 🗸				
	Servers def	ault: utf8m	b4_unicode	_ci	
		ОК	Can	cel	
CREATE code:					
CREATE DATA	BASE `bri	ghtcove`	/*!40100	COLL.	

• Output: Database name will be listed on the right with no tables listed on the right.



#### Step 2 : Instance in CSV2SQL

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- Check if there is an instance (tab) for client in CSV2SQL.
- If yes, proceed to Step 3.
- If no, create an instance (tab).
- Click "New CSV2SQL" button.

L 2 PHP C	SV 2 SQL Direct DB Lo	ad DB Monitoring	g				
						$\rightarrow$	+ New CSV2SC
2X 1 A		) 🗶 Checkmarx 🕯		3 😜 Corestream 🛛			
LogicGate				Persistent			6 Plume 13
Prospiant 2	🗿 Quantum 🜖 🔹 🖬	Rocket 🜒 🛛 📼 SAP	Softiron	🗮 Spirion 😏 💈	TheLogicFactory	/ 🕄 🛛 🕲 Waveston	e <b>17</b>
ISE Upload Job		Port: 3315 Pla	yground Database :	2x		Filter:	CSV
a 2X			yground Database :	2x Auto Processing	Sequence 🔅	Filter:	CSV Delete 👙
a 2X Ali → er	ntries				Sequence \$		
■ 2X All ver Owner ÷ Jean Wei	ntries Type ¢ bombora_surge_report	Comments \$ Bombora comprehensive	Manage Fields 🔶	Auto Processing \$		Data Updated	Delete 🝦

- In the "Describe" section:
  - Enter client name in "Client", this will be the instance name.
  - Enter "setup" in "Type".
  - Enter session number of the database in "Port".
  - Enter database name in "Database".

NEW ENTRY - STEP 1 OF 3		
1 Describe	2 Attach	3 Confirm
Please describe your requ	est	
Client	Brightcove	
Туре	setup	
Comments	Comments about this file, usage,etc	
Port	3317	
Database	brightcove	
	Continue >	

• In the "Attach" section, click the "Continue" button to skip.

NEW ENTRY - STEP 2 OF 3			
1 🗸 Describe		2 Attach	3 Confirm
Attach csv, xlsx file			
+ Add files			
	<back continue=""></back>		

• In the "Confirm" page, click the "Confirm" button to complete the process.

NEW ENTRY - STEP 3 OF 3	
1 v Describe	2 → Attach 3 Confirm
Confirm request	
Client	Brightcove
Туре	setup
Comments	
Port	3317
Database	brightcove
Attachments	
	< Back Submit -

• Output: The new instance will appear among the list of tabs, and there will be a single entry for it called "setup" when the tab is selected.

2X 1	👌 Aera 2	🐚 Bota	anacor 7	Brightcove		heckmarx 1	Corcentric	3 😛 Cor	estream 2	🕘 Digital	Hands 🖲
eOriginal	<b>34</b>	uelCycle 🕄	🛥 GBHI	1 G Gibi	raltar 🖲	🖦 HRS 2 🛛 😋	HRSoft 5	🔢 Hyland 1	• Impart	tner 2	o iSpot 2
Logically	5 😔 Lo	gicGate 1	🎋 MedBr	idge 🛽 🖁	Olympia 4	Pareto 9	🖷 PCS 1	∂ persist	tent 🚺 🛛 🗨 A	Phoenix 1	6 Y Picus 3
Plume 1	🕨 🖗 Pre	mier 1	() Prospiant	2 O Qu	antum 1	🖆 Rocket 1	🖙 SAP ᠑	🗊 Softiron	1 💿 🛼 Spirio	n ち	
			topo 17	🙏 Xcentric 🚺							
	actory 3		ground Port			atabase : bright	cove				
	nd Job : 0					atabase : bright	cove				CSV
WISE Uploa	nd Job : 0					atabase : bright	cove		Fi	lter:	CSV
WISE Uploa	nd Job : 0 ccove	Play		3317 PI	ayground D	atabase : bright		Sequence	Fi Data Upda		CSV Delete 🔶

• Output: There will be a set of new tables appearing in the Playground. These tables are mostly to log CSV2SQL activities.

3317\brightcove\ - Heidi5QL 12.0.0.6468				
File Edit Search Query Tools Go to Help				
🛛 💉 💉 🖹 🛅 👈 🖶 🖉 🔍 🔹 🔜 🔜 🖉 🖂 🖂	⊕ ⊗ ⊘ ×	🕨 × 🖿 × 🕋 🎩 🔍 💭 🥪 🗛 🔐 🚍 🍫		
🏹 Database filter 🛛 🏹 Table filter	*	🚦 Host: dp.2x.marketing 📃 Database: brightcove	_ <b>&gt;</b> Query*	<b>E</b> .
🗉 🔪 3317		Name 🔺	Rows	Size
Information_schema		atom_batch	0	48.0 KiB
		🏢 atom_data	0	32.0 KiB
🔍 🗖 🔜 brightcove	672.0 KiB	atom_queue	0	48.0 KiB
atom_batch		atom_type_table_field	0	80.0 KiB
		atom_type_table_field_changelog	0	32.0 KiB
- atom_queue	48.0 KiB	<pre>csv_sql_processing</pre>	0	32.0 KiB
atom_type_table_field		<pre>csv_sql_processing_batch</pre>	0	32.0 KiB
atom_type_table_field_changelog		csv_sql_processing_changelog	0	32.0 KiB
csv_sql_processing		<pre>csv_sql_processing_log</pre>	0	32.0 KiB
csv_sql_processing_batch		🛗 csv_sql_publish	0	32.0 KiB
csv_sql_processing_changelog		🟢 webtrack_segment	0	272.0 KiB
csv_sql_processing_log				
webtrack_segment				
🗉 📄 checkmarx				
▪ corestream				

## Step 3 : Upload Ticket For CSV2SQL

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- Check if there is a ticket named "CSV2SQL Upload" under client's "Request Listing" page.
- If yes, proceed to Step 4.
- If no, create a ticket.
- Go to 2X Wise page and click the "globe" icon found at the top right.

20								Vincent Qu	uah 🕂	⇒	
Request Listing	2X Directory	Office Calendar	Leave Ca	endar	Time Entry	2X Citadel					
Request Listin	ng								Ne	w Reque	st 🕜
🛢 Service Requ	ests								f	DF C	SV
10 🗸 entrie	es 🗸 Show Con	npleted Jobs						Filter:			
ID   Title			▼	Progress	Туре	▼	Requester 🝦	Request Date	\$ D	eadline	\$
				No data	available in ta	ble					
No entries found											

• Click the client of choice.

20						💽 Vincent Quah 🗧 🚦 🌐
Request Lis	sting 2	CLIENT PORTALS				
		Al-AbOvo	Engageware	Keyfactor	Prospiant	3 WoltersKluwer
Request	Listing	🕖 Aera	🕫 eOriginal	😣 Lien	📿 Quantum	🙏 XCentric
🛢 Service	Doquest	<b>a</b> ı Algo	e EPAM	C Logically	G Reinvigoration	📶 Zyte
SPLINCE	Request	APS	🎸 Episerver	⊱ LogicGate	RICOH	<b>26</b> 2X
10 🗸	<ul> <li>entries</li> </ul>	🤿 BakerHill	Equiteq	🔨 Mansfield	Rocket	😩 2X Citadel
ID 👙	Title	🗇 Bitrise	🀲 Explorium	🍊 MedBridge	🔀 SalesKen	🔆 2X SPARK
		🍤 Botanacor	F FARO	<ul> <li>Medius</li> </ul>	w SAP	
		Brightcove	💠 FourKites	Northwind	🝠 SoftIron	
No entries	found	🗙 Checkmarx	♣ FuelCycle	😩 Olympia	🐜 Spirion	
		U Chorus	🛥 GBHI	Pareto	<del>్రస్</del> Suvoda	
🛢 2X Intei	rnal	ጽ ConnectWise	G Gibraltar	₩ PCS	TechData	
		Corcentric	HRS HRS	Persistent	TLF	
10 🗸	<ul> <li>entries</li> </ul>	😋 Corestream	🔿 HRsoft	😑 Phoenix	🔉 TrueLearn	
ID	Title	35 DELMIA	Hyland	Y Picus	🏘 TVCM	
10421	Connect ar	🖉 DigitalHands	🖸 Impartner	Plume	🔿 UniFocus	
	Dashboard	💰 DSNAM	🕩 iSpot	₩ Premier	🚳 Wavestone	
10403	6sense Dat					11:51:40

• Click the "New Request" button at the top right.

Request Listing Content Workspaces Blog Workspaces Search WISE Q								
quest	t Listing				$\rightarrow$	New Request		
Servic	e Requests					PDF CSV		
10	✓ entries ✓ Show Completed Jobs				Filter:			
ID 👙	Title	Progress 🔶	Туре 🔶	Requester 🔶	Request Date   🍦	Deadline (		
11	Dynamic HTML5 Ads	50%	Digital Ad Campaigns	Michael Kesuma	Tue 26-Apr-2022 01:50:41	26-May-2022		
10	Export Drift Playbooks transcript to be translated to other languages	80%	Marketing Ops	Amzar Yusuf	Fri 08-Apr-2022 12:01:26	08-May-2022		
	HTML5 Creatives	100%	Digital Ad Campaigns	Michael Kesuma	Wed 16-Mar-2022 16:45:45	15-Apr-2022		
9			General Marketing	Michael Kesuma	Wed 09-Feb-2022	09-Feb-2022		

• Select the "Repository" option.

BRIGHTCOVE	🕥 Vincent Quah 🗧 [] 🌐
Request Listing Content Workspaces Blog Workspaces	Search WISE Q
New Service Request	
Services	Workspaces & Repository
<ul> <li>✤ Digital Ad Campaigns</li> <li>✤ Marketing Ops</li> <li>ᡣ Writing</li> <li>≔ General Marketing Support</li> <li>ՠ Analytics</li> <li>↔ Database</li> <li>용 Add/Remove WISE User</li> </ul>	<ul> <li>Campaign Workspace</li> <li>Repository </li> </ul>

• In "Described" section, enter "CSV2SQL Upload" in "Repository Title".

Request Listing	Content Workspaces	Blog Workspaces	Search WISE Q
Repository Se	ervice Request		New Request 🕼
REPOSITORY	REQUEST - STEP 1 OF 3		
	1 Describe	2 Attach	3 Confirm
Please des	scribe your requ	est	
	Repository Title	CSV2SQL Upload	
	Description	Please describe your repository	
		Continue >	

• In "Attach" section, click "Continue" button to skip.

	Request Listing	Content Workspaces	Blog Workspaces			Search WISE Q
Re	epository Se	ervice Request				New Request 🗷
	REPOSITORY R	REQUEST - STEP 2 OF 3				
		1 v Describe	2	Attach	3 Cor	ıfirm
	Attach all r + Add files	elevant files				
			<back continue=""></back>			

• In "Confirm" section, click "Submit" button to complete the process.

	Request Listing	Content Workspaces	Blog Workspaces		Search WISE Q
R	epository Se	ervice Request			New Request 🕼
	REPOSITORY F	REQUEST - STEP 3 OF	3		
		1 v Describe		2 v Attach	3 Confirm
	Confirm re	QUEST Repository Title Description Attachment	CSV2SQL Upload		
			< Back Submit 🗸		

• Output: You will be redirected to the upload ticket page with name of the upload ticket and its ID (for later use, described in a bit).

BRIGHTCOVE	Vincent Quah 🗧 [] 🌐
Request Listing Content Workspaces Blog Workspaces	Search WISE Q
12 - CSV2SQL Upload	New Request @
(?) PROGRESS	
0% 10% 30% 50% REQUEST 14-jul-2022	80%
REQUEST DETAILS	A PEOPLE INVOLVED
REPOSITORY-TITLE C	Vincent Quah Requester
DESCRIPTION 🕼	

• Output: There will also be a new entry in the client's "Request Listing" page.

10 v entries Filter:								
ID 🔶	Title	÷	Progress  🌢	Туре	Requester	÷	Request Date	Deadline
12	CSV2SQL Upload		0%	Repository	Vincent Quah		Thu 14-Jul-2022 17:57:02	13-Aug-2022

• Return to CSV2SQL tab and insert the upload ticket ID in the "WISE Upload Job" textbox. It will be "0" initially after creating the instance.

Logically 😏	🚱 LogicGate 🕻	MedBridge	8 😮 Olympia 4	🖉 Pareto 🧐 🛛 🚆 PCS	1 Persisten	t 1 🔹 Phoenix 1	Y Picus 🕄
Plume 1 👘	🕨 Premier 1	() Prospiant 2	O Quantum 1	🖬 Rocket 1 🛛 📼 SAP 🧐	🗴 💈 Softiron 🗊	🐜 Spirion 🍮	
TheLogicFactory	3 🛛 🕲 Wav	estone 💶 🛛 🙏 X	centric 1				
						Filter:	
All 🗸 ent	ries						
All ✓ ent Owner ♦	rries Type ∳	Comments  🍦	Manage Fields	Auto Processing	Sequence 🔶	Data Updated 🛛 🍦	Delete 🍦
		Comments 🔶	Manage Fields 🔶	Auto Processing (0)	Sequence $rightarrow$	Data Updated 🛛 🗍	Delete 🔶

• After inserting the ID, "12" in this case, it is done. No "Save" button to click.

	_			Pareto 9 🖷 Po			Ficus
heLogicFactory	_	vestone 17	_		Solution S	Spinon 🔮	
					٦		
SE Upload Job :	12 P	ayground Port :	3317 Playground Da	tabase: brightcove			
							CSV
Brightcove							
	ries					Eilter	
Brightcove	ries					Filter:	
	ries Type 🔶	Comments	Manage Fields	Auto Processing	♦ Sequence ♦	Filter:	Delete 🔶
All 🗸 enti		Comments	<ul> <li>Manage Fields</li> <li>Manage Fields</li> </ul>	Auto Processing Auto Processing (0)	<ul> <li>♦ Sequence ♦</li> <li>100</li> </ul>		Delete 🔶 Delete

• Add people to this ticket, by commenting their name in the "Discussion" section of the upload ticket page. (Make sure to start with an alias; @)

ର୍ଭ DISCUSSION	Search
@Jia <u>Er</u> Tan	
	<i>i</i> ,
+ Add files	✓ Submit

• Output: The added person will appear in the "People Involved" section. Only people added can view this ticket.

REQUEST DETAILS	$\rightarrow$	& PEOPLE INVOLVED
REPOSITORY-TITLE		Vincent Quah Requester
CSV2SQL Upload		Jia Er Tan Added : 14-Jul-2022
DESCRIPTION @		
ORIGINAL ATTACHMENTS		
	Search Q	
Vincent Quah @Jia Er Tan	Thu 14-Jul-2022 17:59:24   <b>#1</b>	
Write comments		

#### Step 4 : Create Table In CSV2SQL

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• Prepare a CSV file containing the columns of the table listed like below.

	А	В	с	D	E	F	G	Н	I.
1	Campaign Group	Campaign Segment	Campaign Type	Campaign Region	PO Number	Campaign ID	Campaign Name	Accounts Targeted	
2									
3									

• Go to CSV2SQL and click the "New CSV2SQL" button on the top right.

SQL 2 PHP CSV	/ 2 SQL Direct DB Load	DB Monitoring	
		+ New	v CSV2SQL
🗙 2X 🚺 🗳 Aer	ra 2 🕒 Botanacor 7	Brightcove     Checkmarx     Checkmarx     Corcentric     Corcentric     Corestream     Corestream     DigitalHands	
🕶 eOriginal 3	▲ FuelCycle 3 🛛 📼 GBI	H 🜒 🕞 Gibraltar 🕄 🚥 HRS 2 🔿 HRSoft 🔄 🔢 Hyland 🕦 👴 Impartner 2 📀 iSpot l	2
⇐ Logically 5	🚱 LogicGate 1 🛛 🧏 Med	Bridge 🕄 🐵 Olympia 🕙 🔲 Pareto 🧐 🖷 PCS 🚺 🥜 persistent 🌒 👟 Phoenix 16 🦿 P	Picus 3
🗿 Plume 📵 🔹 🔹	Premier 1 C) Prospia	nt 🧿 🕐 Quantum 🕦 🧯 Rocket 🕦 📼 SAP 🧐 🧉 Softiron 🗊 🐜 Spirion 🗐	
TheLogicFactory	3 🛛 Wavestone 17	🙏 Xcentric 🕦	
WISE Upload Job :	12 Playground Por	t: 3317 Playground Database: brightcove	
Brightcove			CSV
All 🗸 entr	ries	Filter:	
Owner 🔶	Type   Comments	Manage Fields     Auto Processing     Sequence     Data Updated     Deleter	\$
	setup	Manage Fields         Auto Processing (0)         100         N/A         Delete	
Showing 1 to 1 o	of 1 entries		

- In the "Describe" section:
  - Enter instance name in "Client"
  - Enter table name in "Type"
    - $\ast$  Table name will later be appended with "db" and separated by "\_"
  - Enter session number in "Port"
  - o Enter database name in "Database"

1 Describe	2 Attach	3 Confirm
Please describe your requ	lest	
Client	Brightcove	
Туре	Campaign Info	
Comments	Comments about this file, usage,etc	
Port	3317	
Database	brightcove	
	Continue >	

• In the Attach section, upload the CSV header file and click the "Continue" button to proceed.

NEW ENTRY - STEP 2 OF 3		
1 🗸 Describe	2 Attach	3 Confirm
Attach csv, xlsx file		
+ Add files Brightcove Campaign Info Headers.csv 120 Bytes	×	
< Back	Continue >	

• In the Confirm section, click the "Submit" button to complete the process.

NEW ENTRY - STEP 3 OF 3	
1 🗸 Describe	2 • Attach 3 Confirm
Confirm request	
Client	Brightcove
Туре	Campaign Info
Comments	
Port	3317
Database	brightcove
Attachments	[2022-07-14-13-12-47]Brightcove-Campaign-Info-Headers.csv
	< Back Submit -

- Output: A new entry will be created under the selected client.
- Click the "Manage Fields" link for the newly created entry.

All 🗸 ent	ries					Filter:	
Owner	Туре	Comments 🔶	Manage Fields	Auto Processing	Sequence 🔶	Data Updated 💧	Delete
Vincent Quah	Campaign Info	(-	Manage Fields	Auto Processing (0)	100	N/A	Delete
	setup		Manage Fields	Auto Processing (0)	100	N/A	Delete

- Identify the primary key for the table, the column where the values are unique for all rows of the table, the identifying column of the table.
- Select "Yes" in the drop-down list for the column to be the "Master Key".
- Click the "Submit" button to complete the process.

Table : db_campaign_info		Truncate On New Upload	
Header	Table Field	Field Type	ls Master Key?
Accounts Targeted	_accountsTargeted	VARCHAR 🗸	No 💙
Campaign Group	_campaignGroup	VARCHAR 🗸	No 💙
Campaign ID	_campaignID	VARCHAR V	No 🗸
Campaign Name	_campaignName	VARCHAR 🗸	Yes No
Campaign Region	_campaignRegion	VARCHAR 🗸	No 💙
Campaign Segment	_campaignSegment	VARCHAR 🗸	No ¥
Campaign Type	_campaignType	VARCHAR 🗸	No ¥
PO Number	_poNumber	VARCHAR ¥	No ¥
	Submit Cancel		

• Head to Playground, the table should appear on the left side among the list of tables. If not, click the "Refresh" icon to refresh the interface.

i 🖉 * 🖉 i 🖿 🛍 🕤 🚍 🧿 * 🖊 🖻 🚞 i	?  4 ▶  €
🏹 Database filter 🏹 Table filter	*
🗆 🏹 3317	
🗉 📃 information_schema	
🗉 📃 2x	
🗆 🔜 brightcove	720.0 KiB
atom_batch	48.0 KiB
📲 atom_data	32.0 KiB
📲 atom_queue	48.0 KiB
atom_type_table_field	80.0 KiB
atom_type_table_field_changelog	32.0 KiB
- csv_sql_processing	32.0 KiB
csv_sql_processing_batch	32.0 KiB
- csv_sql_processing_changelog	32.0 KiB
	32.0 KiB
csv_sql_publish	32.0 KiB
🛗 db_campaign_info	48.0 KiB
webtrack_segment	272.0 KiB
🗉 🔤 checkmarx	

- Setting the "Master Key" continues in Playground too.
- Select the table and view the "Table: ..." tab.
- Right click the primary key column and select "Create New Index" followed by "UNIQUE".

, Database filter 🛛 🏹 Table filter	*	📒 Hos	st: dp.2x.marketing	Database: brightcove 🔡	Table: db_cam	paign_info 📃 Data	▶ Query*	<b>.</b>		
3317		🛗 Ba	sic 🎾 Options 🦊	Indexes (2) 📝 Foreign key	s (0) 🕝 Che	ck constraints (0) 🏾	Partitions	CREATE code	e > ALī	TER code
Information_schema		Name								
± 2x		Name	: ob_campai	gn_inro						
🗆 🌄 brightcove	704.0 KiB	Comr	nent:							
- 🔠 atom_batch										
atom_queue										
atom_type_table_field										
atom_type_table_field_changelog		Colum	ns: 💽 Add	🙁 Remove 🔺 Up	🔻 Down					
		#	Name	Dataty	pe	Length/Set	Unsign	Allow NULL	Zerofill	Default
csv_sql_processing_batch		7 1	_id	INT		11				AUTO_INCREM
csv_sql_processing_changelog			_rowNumber							
			_batchID							
		4	_accountsTargeted	VARCI		255				NULL
📲 db_campaign_info	32.0 KiB	5	_campaignGroup	VARCI	HAR	255				NULL
webtrack_segment			_campaignID	<u>Сору</u>	Ctrl+C	255				NULL
🗉 🔤 checkmarx		7	_campaignName	Copy Selected Columnia		255				NULL
• corestream		8	campaignRegion		ns	255				NULL
🗉 🔤 datastudio		ç	campaignSegment	<u>P</u> aste columns		255				NULL
master		10		🚯 Add column	Ctrl+Ins	255				NULL
🖿 🔤 medbridge			_poNumber	💈 <u>R</u> emove column	Ctrl+Del	255				NULL
mysql				🔺 Move up	Ctrl+U		_	_	_	
performance_schema				▼ Move down	Ctrl+D					
sap_old-migrated-3315				Create new index	•					
softiron				Add to index		<mark>Р <u>к</u>еу</mark>				
spirion				, marcomatex						
sys										
+ televerde						SPATIAL				
timetrade						PANAL 3PANAL				
🗉 📃 unifocus										

• If more than one column is needed to make a composite key (multiple columns primary key), then right click the other primary key column, and select "Add New Index" followed by the just created index.

Columns:	🕣 Ad	d 🛛 🔕 Remove 🔺 Up	. 🗸 🗸	)own		
#	Name		Datatype		Length/Set	Unsign
	_id		INT		11	
<b>P</b> 2	_rowNumber				11	
<b>P</b> 3	_batchID				11	
4	_accountsTarge	ted	VARCHAR		255	
5	_campaignGrou	ıp	VARCHAR		255	
<b>P</b> 6	_campaignID		VARCHAR		255	
7	_campaignNam		VARCHAR		255	
8	_campaignRe		Ctrl+C		255	
9	_campaignSe	Copy selected columns			255	
10	_campaignTy	<u>P</u> aste columns			255	
11	_poNumber 🤇	Add column	Ctrl+Ins		255	
	6	<u>R</u> emove column	Ctrl+Del			
	4	<u>M</u> ove up	Ctrl+U			
		📕 Mo <u>v</u> e down	Ctrl+D			
		Cr <u>e</u> ate new index	•			
		A <u>d</u> d to index	Þ	PRIMARY		
				erowNumbe	r (UNIQUE)	
				🥊 _campaignl	) (UNIQUE)	
Help	Discard	Save				

• Output: There will be red key icon appearing beside the "Master Key".

Colur	mns		🚯 Add	🙁 Remove	🔺 Up	🗸 🔻 Down	
	#	Name				Datatype	
7	1	_id				INT	
9 9 9	2	_rowNur	nber			INT	
	3	_batchID				INT	
	4	_accoun	tsTargeted			VARCHAR	
	5	_campai	gnGroup			VARCHAR	
	б	_campai	gnID			VARCHAR	
	7	_campai	gnName			VARCHAR	
	8	_campai	gnRegion			VARCHAR	
	9	_campai	gnSegment			VARCHAR	
	10	_campai	gnType			VARCHAR	
	11	_poNum	ber			VARCHAR	
ŀ	Help		Discard	Save			

• Click the "Save" button below the column list, to save all edits.

# Step 5 : Upload Data In Upload Ticket

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• Prepare a CSV file containing the header and data as seen below.

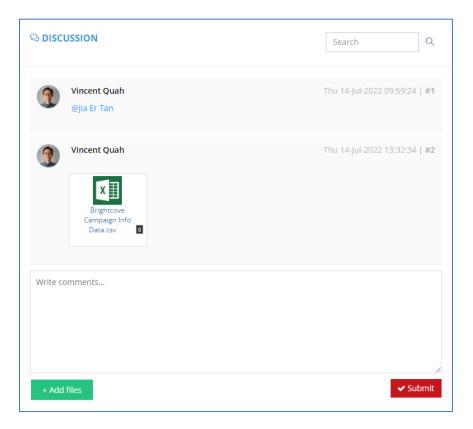
	A	В	С	D	E	F	G	н
1	Campaign Group	Campaign Segment	Campaign Type	Campaign Region	PO Number	Campaign ID	Campaign Name	Accounts Targeted
2	Press Play	Enterprise (Tech)	1: Many	EMEA	PO#2050	72930	2X_EMEA - Engage Display - ENG	1433
3	Press Play	Enterprise (Tech)	1: Many	EMEA	PO#2050	72929	2X_EMEA - Sell Display - ENG	3942
4	Press Play	Enterprise (Tech)	1: Many	EMEA	PO#2050	72928	2X_EMEA - Monetize Display - ENG	1910
5	Xsell	Marketing General	1: Many	Korea	PO#1965	69940	Korea - Named Accounts - Sell Products	133
6	Xsell	Marketing General	1: Many	Global	PO#1819	69925	2X_GM - Xsell - GeneralEnterprises - Marketplace	545

- Points to note:
  - The order of the columns doesn't matter in the CSV data file. CSV2SQL will match uploaded CSVs with tables based on the combination of columns alone.
  - Make sure the file is in CSV format and not XLSX format, or else odd data values will appear later in the table in Playground.

- Head over to the Upload Ticket and click the "Add Files" button to upload the CSV file.
- Click the "Submit" button to complete the process.

ୟ DISCUSSION	Search
Vincent Quah @Jia Er Tan	Thu 14-Jul-2022 17:59:24   <b>#1</b>
Write comments	
+ Add files  set the set of the s	✓ Submit

• The uploaded CSV will appear as a comment under the "Discussion" section.



- To check if the data has finished uploading,
  - Check the entry in CSV2SQL, the "Data Updated" column will show a recent timestamp when the upload has completed.

All 🗸 ent	ries					Filter:	
Owner  🍦	Туре 🛛 🍦	Comments 🔶	Manage Fields 🛛 🍦	Auto Processing	Sequence 🍦	Data Updated 🛛 🍦	Delete
Vincent Quah	Campaign Info		Manage Fields	Auto Processing (0)		2022-07-15 05:35:01	Delete
	setup		Manage Fields	Auto Processing (0)	100	N/A	Delete

• Check the "Database: ..." tab in Playground. The "Updated" column should show a recent timestamp if the upload has finished.

🚪 Host: dp.2x.marketing 📃 Database: brightcove	🔠 Table: dł	o_campaign_ii	nfo 🔝 Data ┝ Q	uery* 🔜
Name 🔺	Rows	Size	Created	Updated
🛗 atom_batch	1	48.0 KiB	2022-07-14 07:55:34	2022-07-14 13:35:01
🧱 atom_data	384	80.0 KiB	2022-07-14 07:55:34	2022-07-14 13:33:06
🛗 atom_queue	1	48.0 KiB	2022-07-14 07:55:34	2022-07-14 13:35:01
atom_type_table_field	8	80.0 KiB	2022-07-14 07:55:34	2022-07-14 13:14:48
atom_type_table_field_changelog	0	32.0 KiB	2022-07-14 07:55:34	2022-07-14 13:14:48
csv_sql_processing	0	32.0 KiB	2022-07-14 07:55:34	
csv_sql_processing_batch	0	32.0 KiB	2022-07-14 07:55:34	
csv_sql_processing_changelog	0	32.0 KiB	2022-07-14 07:55:34	
<pre>csv_sql_processing_log</pre>	0	32.0 KiB	2022-07-14 07:55:34	
🛗 csv_sql_publish	0	32.0 KiB	2022-07-14 07:55:34	
🟢 db_campaign_info	48	48.0 KiB	2022-07-14 13:17:49	2022-07-14 13:35:01
webtrack_segment	0	272.0 KiB	2022-07-14 07:55:34	<b></b>

•

# Extra : Deleting Table and Redoing Table

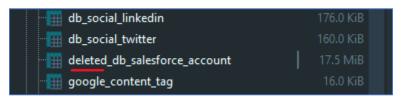
• To delete a table, first delete the entry in CSV2SQL by clicking the "Delete" link for that entry.

Brightcove							CSV
All 🗸 ent	ries					Filter:	
Owner 🔶	Туре 🍦	Comments 🔶	Manage Fields 🛛 🔶	Auto Processing	Sequence 🔶	Data Updated 🛛 🔶	Delete
Vincent Quah	Campaign Info		Manage Fields	Auto Processing (0)	100	2022-07-15 05:35:01	Delete
	setup		Manage Fields	Auto Processing (0)	100	N/A	Delete

• Click the "OK" button to confirm deletion of entry.

Are you sure?			×	
t		Cancel	ОК	

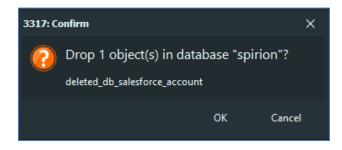
• Output: The table in Playground will now have a "deleted" appended to its name.



• Proceed to drop the table by right clicking the table and select "Drop".

db_soci	ial_linkedin	176.0 KiB
🔠 db_soci	ial_twitter	160.0 KiB
- 🗰 delete	d_db_colorforco.account	17.5 M(D
	Edit	Alt+Enter
📲 google	_conti 🔁 🗧	
📲 iplooku	ир 800 🔽 <u>Dr</u> op	
	Empty table(c)	Shift+Del
📲 linkedir	n_crea	
webtrad	ck_sec 🧧 🧧 _	

• Click the "OK" button to confirm deletion of table.



- To redo the table after deleting the table, take note of how CSV2SQL works behind the scenes.
- When a table is created in CSV2SQL, the table is created and log entries are created.
- The same thing happens when data is uploaded, data will be inserted into the table and there will be log entries created for it as well.
- When that table is deleted, the table is deleted but the log entries are not deleted.
- These log entries will cause the table to not be created correctly when redoing the table creation as CSV2SQL would assume that the table has already been created based on the logs.

Creating Table and Uploading Data in CSV2SQL	Deleting Table in CSV2SQL
Table Created	Table Deleted
Data Inserted	Data Deleted
Log Entries Created	Log Entries Not Deleted

• Below shows a list of log tables in each database set up for CSV2SQL:

🗉 🚃 brightcove	768.0 KiB
atom_batch	48.0 KiB
📲 atom_data	80.0 KiB
atom_queue	48.0 KiB
atom_type_table_field	80.0 KiB
atom_type_table_field_changelog	📃 32.0 KiB

- The tables of focus are:
  - o atom\_data
  - o atom\_type\_table\_field
  - atom\_type\_table\_field\_changelog

- To be able to redo tables, the logs in the tables of focus needs to be cleared.
- atom\_data logs all data that has been uploaded through CSV2SQL Upload Ticket.
- Right click the table name and select "Empty table" to clear its logs. This will allow us to reupload the same data.

			768.0 KiB	×
atom_batch			48.0 KiB	
📲 atom_data			80.0 K i R	
atom_queue	-	<u>E</u> dit	Alt+Enter	
atom_type_table_fi	-	D <u>r</u> op		
atom_type_table_fi	×	E <u>m</u> pty table(s)	Shift+Del	lu
csv_sql_processing				
csv_sql_processing		<u>C</u> reate new		١.

- atom\_type\_table\_field logs all columns of a created table. atom\_type\_table\_field\_changelog logs all columns set as master key.
- Right click their table name and select "Empty table" to clear their logs. This will allow us to recreate the same table.

🗆 🄜 brightcove	768.0 KiB	🔊 Kemove
atom_batch	48.0 KiB	🗙 Clear
atom_data	— 80.0 КіВ	📥 Up
atom_queue	48.0 KiB	🔻 Down
atom_type_table_field		
	<u>E</u> dit	Alt+Enter
csv_sql_processing	D <u>r</u> op	
csv_sql_processing_batch	E <u>m</u> pty table(s)	Shift+Del
csv_sql_processing_changelog		
csv_sql_processing_log	<u>C</u> reate new	
csv_sql_publish	C <u>l</u> ear data tab filter	
:: ••••		
🗆 🄜 brightcove	768.0 KiB	(emove 🖽 🍟
atom batch		Clear 🗉 💡
atom_data	🔲 80.0 КіВ 🛛 📥 Ч	Jp
atom_queue	48.0 KiB	Down
	80.0 KiB	
atom_type_table_field_changelog	Edit	nns: 🚯 Alt+Enter
- 🛗 csv_sql_processing	Drop	AIL+LIILEI
csv_sql_processing_batch	Empty table(s)	Shift+Del
csv_sql_processing_changelog	Run routine(s)	Shire' Bel
csv_sql_processing_log	Create new	•
	Clear data tab filter	

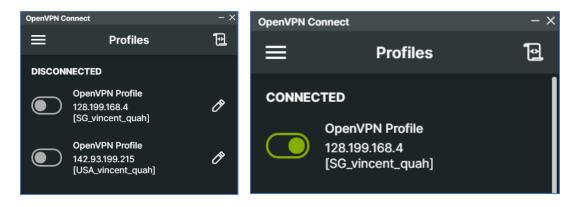
- 1. How do I access CSV2SQL?
- Go to WISE Portal > Click the red "Hamburger" icon on the right side > Select SQL 2 PHP

Wincent Quah ← [] []      ①		
Search WISE Q		×
New Request 🕝	WISE Portal	٩
PDF CSV	Time Entry	000
Filter:	ScrubMaster	ľ
Request Date     Deadline	SQL 2 PHP	φ

• Click "CSV 2 SQL" to go to the destination. Do bookmark the "CSV2SQL" page for easier access in the future, to avoid doing these steps again.



- 2. How do I access MySQL Playground?
- Make sure to have HeidiSQL installed or any other MySQL client.
- Turn on VPN beforehand. Any region would do.



- Open HeidiSQL or your MySQL client and insert these credentials:
  - Hostname : dp.2x.marketing
  - o User : player
  - Password : 2Xpl4y2020!
  - Port : (Choose your own)
- Click "Open" button to access the port of choice.

Session manager			? ×
🔍 Filter		🌽 Settings 🌽 Advanced 📍	SSL 📊 Statistics
Session name 🔺	Host Last Comment 127.0 2022	Network type:	🔍 MariaDB or MySQL (TCP/IP) 🛛 🗸
× 3300 × 3307	dp.2 2022	Library:	libmariadb.dll 🗸 🗸
№ 3308 № 3309	dp.2 2022 dp.2 2022	Hostname / IP:	dp.2x.marketing
	dp.2 2022 dp.2 2022		Prompt for credentials           Use Windows authentication
N 3313 N 3315	dp.2 2022 dp.2 2022	User:	player
3317	dp.2 2022	Password:	•••••
3319	dp.2 2022 dp.2 2022	Port:	3317 🗘 Compressed client/server protocol
		Databases:	Separated by semicolon 🛛 🔻 🔻
		Comment:	
📀 New 🔻 🗐	Save 😣 Delete	Open	Cancel More 🔻

- 3. How do I know which port a client belongs to?
- Head over to CSV2SQL page.
- Select the tab for the client of interest.
- Check the "Playground Port" value to get the port number for that client.

										+ New CSV2
2X 1 🔌	Aera 2	🐚 Botanacor	r 7 🛭 🔁 Bri	ightcove 4	🗙 Checkma	arx 1	Corcentric 3	Ö Corestr	eam 🕗 🛛 👩 Digita	lHands 🔞
eOriginal	🔺 FuelO	ycle 🖪	🛥 GBHI 🚺	🖸 Gibralta	r 🚯 🛛 🛲 HR:	s 2 🛛 😋	HRSoft 5	Hyland 1	👴 Impartner 2	🕑 iSpot 2
ogically 5	🕭 LogicG	ate 1 🛛 🙎	MedBridge	) 🚯 Oly	rmpia 🕘 🛛 🗗	Pareto ᠑	🛒 PCS 1	<b>₽</b> persistent	1 🔹 Phoenix	16 Y Picus
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ISE Upload Jo			17 🗼 Xce		round Databas	se: 2x				- CEV
ISE Upload Jo					round Databas	se: 2x			Filter:	CSV
ISE Upload Jo	<b>b</b> : 2896	Playgrour	nd Port : 331	5 Playg						
ISE Upload Jo	b: 2896 entries	Playgrour	ad Port : 331	5 Playg	round Databas Manage Fields Wanage Fields	i 🔶 Aut	to Processing \$	Sequence		

- 4. What if I still have problems after going through the entire document?
- Feel free to reach out to me (Vincent Quah), I am more than happy to help you out.