

Like Legos, But Better

User segmentation with reverse ETL

Agenda

Who's here and why



What Census does

Make Census work for you



Make someone happy

Who I am

Census Customer Data Architect Presales, Post-sales

Data, data, data

Enterprise, growth, small

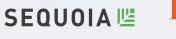
DW Frontier: activating data



Who we are

"On a mission to build a data platform that enables everyone to have access to trusted data so they can take action and automate their business"

Total funding: \$80.3 million Series B: \$60 million



TIGERGLOBAL



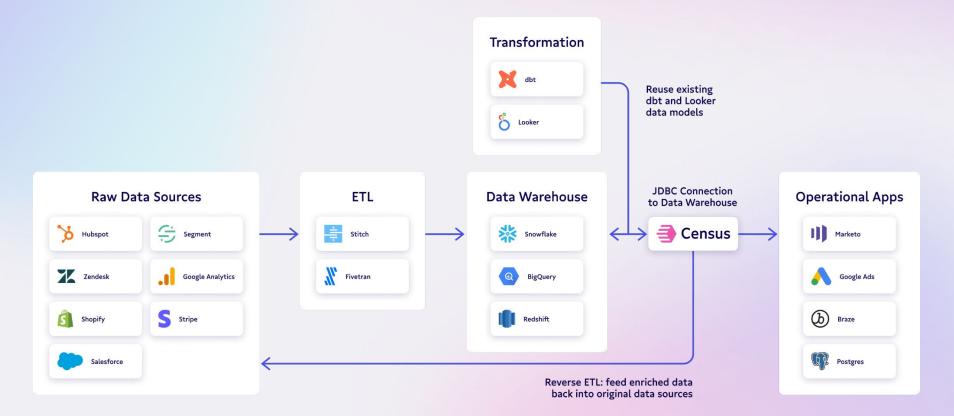


Who you are

- Curious about making segmentation easier
- Data person who brings the data dream to life!
- Want to make better use of their data warehouse
- Just realizing you wandered into the wrong session...but decided to stay anyway

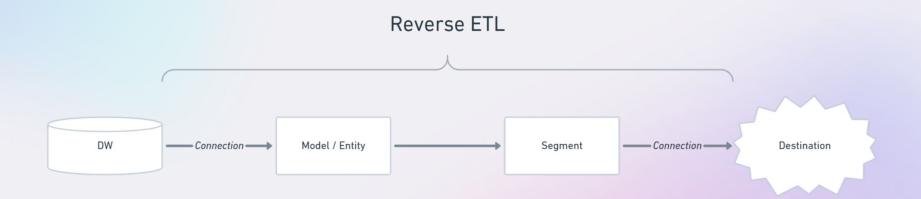


Where Reverse ETL Fits



How Reverse ETL Supports Segmentation

Warehouse-native data activation platform

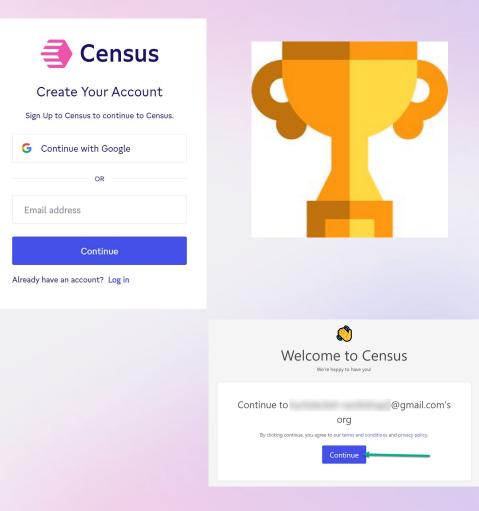


Segmentation In The Real World (AKA how it makes your stakeholders <3 you)

Let's do this!

There's a prize. So really, you should do this.

- 1. Go here: app.getcensus.com
- 2. Click "Sign up"
- 3. Use Gmail or enter your email address
- 4. Go through sign up flow
- 5. When you get to the end, click "Continue" to complete the process!



Alright, let's create your first sync 🎉

Census
Consus
Consus
Consustant

- 1. Click "Quick Start"
- 2. Click "Create Sync \rightarrow " for Salesforce from Redshift

	Quick Start	
	Snowflate lesforce Get a quici	o glad you're here! overview of how Census works by watching dies to the left. After that, we'll guide you ting up your first synci
	Create a sync with your own data Connect a source and destination service to start setting up a sync. sources @ Add Source Redshift - tf-redshift-demo-cluster	Create Sync DESTINATIONS
0	Don't have your own data? Start with a sample set. Use one of our sample sync: to get a feel for how Census works.	ogle

- 1. Click "Connections" Click "OK" to the warning message
- 2. Click "Add Service"
- 3. Type "braze"
- 4. Select "Braze"

🗐 Census	C	onnections			Add Data	Source	Add Service
D Demo SF 🗘	Da	ta Sources					
Q. Search Crit + K					@ Test	😰 Edit	T Delete
犬 Quick Start							
C Syncs							
Notifications							
🖽 Models		Add a Service	1 Choose 2 Configure 3 Test	Close	@ Test	🕑 Edit	T Delete
√ Segments							
•1 ⁴ Entities		Q braze 3					
🖉 Connections 🚺		(2) Braze (4)		Select 🖉			
Settings							
	Se						
					@ Test	1 1 1 1 1	P Dalata
					(2) lest	E Edit	Delete
					Test	🕑 Edit	Telete

- 1. Change name to "Braze Workshop"
- 2. Go to getcensus.com/datacouncil to retrieve the Endpoint URL & API Key
- 3. Click "Connect"
- 4. Click "Finish"

Add a Service	1 Choose 2 Configure 3 Test	Close
Connect Braze to Census		٠٠٠٠٠ (٢)
Start syncing data to Braze by checking out sync up and running!	our documentation, which contains step-by-step instru	ctions on getting your first
Name		
Braze Workshop 1		
Endpoint URL		
https://rest.i 2)1.braze.com		
API Key		
2		0
Data Import Key (for Cohorts only)		
		\odot
Back		3 Connect

- 1. Click "Models"
- 2. Then click "All Users"

📑 Census	Models 🌓 Redshift-demo-clu 🌩	© /
	SQL Queries dbt Project Looker Looks	
D Default Workspace 🗘		
Q Search Cort + K	NAME SY	ICED TO MODIFIED 10 minutes
	Team Details	10 minutes
犬 Quick Start	⊞ User Stats	10 minutes
C' Syncs		10 minutes
> Notifications		10 minutes
Models		
•C Entities		
& Connections		
Settings		

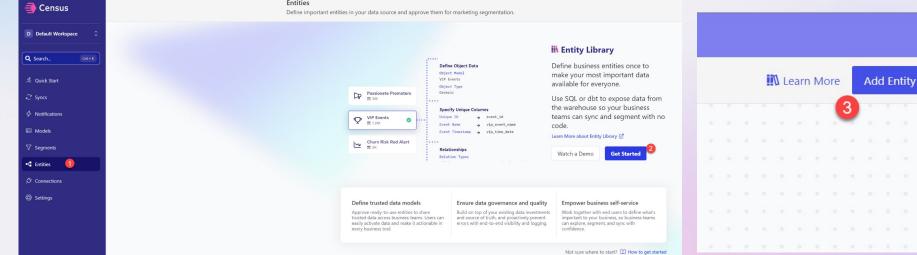
- 1. Click "Query"
- 2. Click "Preview Results"
- 3. See the *Model Results* at the bottom

🗐 Census			← J	All Users		Preview Results Discard Ch	langes Save Model	*	
D Default Workspace 🗘			Source	Model N	lame		R	DWS	
Q Search Cm+K			Redshi	ift - tf-redshift-demo-cluster - All User	12		81		
 ℜ Quick Start ℜ Notifications ➡ Models ♥ Segments ★ Entities Ø Connections ③ Settings 			2 3 4	select users." , teams.email.domain as team_domain from demo.users left join demo.teams on team_id = teams	s.1d;				
	Model Results (first 25)								
	ID	FIRST NAME	LAST NAME	EMAIL	3 CREATED AT	UPDATED AT	TEAM ID	VERSION NUMBER	TEAM DOMAIN
	INTEGER	CHARACTER VARYING	CHARACTER VARYING	CHARACTER VARYING	TIMESTAMP WITHOUT TIME ZONE	TIMESTAMP WITHOUT TIME ZONE	INTEGER	CHARACTER VARYING	CHARACTER VARYING
	476773	Lucinda	Zboncak	lucinda@snoodle.com	2018-11-02 18:30:12	2020-07-20 19:17:37	48415	0.11.3	snoodle.com
	511551	Colby	Strosinl	colby@cookbright.com	2019-06-18 16:28:14	2020-04-06 21:12:32	46856	0.11.3	cookbright.com

- Click "Entities" 1.
- Click "Get Started" 2.
- Click "Add Entity" 3.

Entities

Define important entities in your data source and approve them for marketing segmentation.



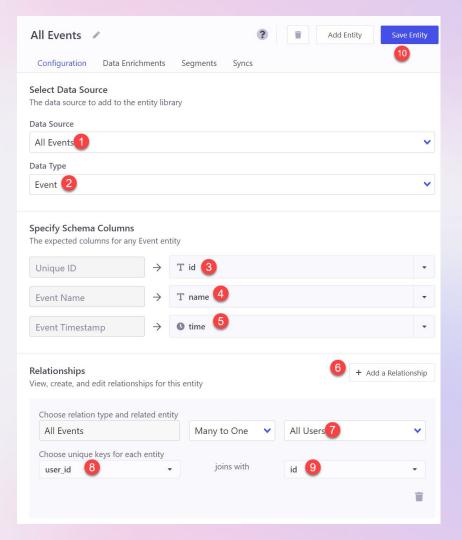
- 1. Choose Data Source "All Users"
- 2. Set Data Type to "User"
- 3. Specify Schema Column "id"
- 4. Click "Save Entity"
- 5. Click "Add Entity"

All Users / Sa Configuration Data Enrichments Segments Syncs	ve Entity
Select Data Source The data source to add to the entity library	
Data Source	
All Users 1	~
Data Type	
User 2	~
Specify Schema Columns The expected columns for any User entity Unique ID → # id 3	•

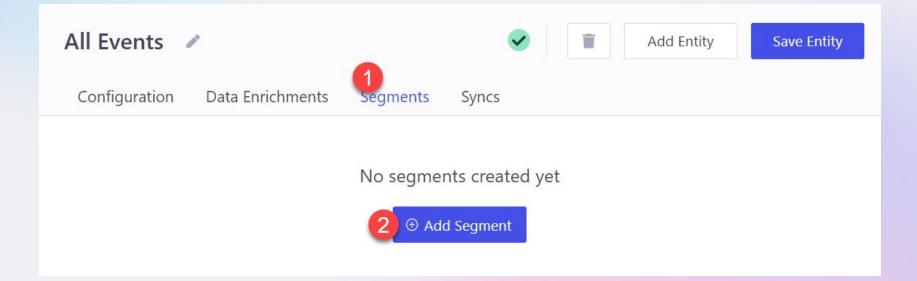
- 1. Choose Data Source "All Events"
- 2. Choose Data Type "Event"

Specify Schema Columns:

- 3. id
- 4. name
- 5. time
- 6. Click "+ Add a Relationship"
- 7. Choose "All Users"
- 8. Choose unique key "user_id"
- 9. Joins with "id"
- 10. Click "Save Entity"



- 1. Click "Segments"
- 2. Click "Add Segment"



- 1. Select "All Users"
- 2. Select "team_domain"
- 3. Type "weavel.com"
- 4. Click "Add group > All Events"
- 5. Select with "Event named one of"
- 6. Type "Add Image" and "Delete Image", enter after each and match caps
- 7. Select "at least", 2, after date, 5/1/2020
- 8. Click "Save Segment"

gment of	Segment Name					
All Users 1	All Users Segme	ent			4 < 1%	09
ords which meet All +	of the following conditions					
Have Properties		following conditions				
and T team_dom	nain 2	is	•	weavel.com 3		
	on + Add subgroup			weaver.com		
	-					
+ Add condition	on + Add subgroup					
Performed All Events	on + Add subgroup		6	Delete Image 🔇 Add v		
Performed All Events with Events	s •	• 2	6		alues ▼) 🚞 5/1/20	

- 1. Select "Syncs"
- 2. Select "Quick Sync"
- 3. Select "New Sync"

Cefinition Activity Syncs Overlap	View SQL Preview Results	Discard Changes Save Segment :	Q 3 O New Sync
Segment of Segment Name ** All Users •		estimated size ● 4 < 1%%	No sync templates available, create a new sync now!
Syncs within this Segment		② © Quick Sync	
This segmen	has not been synced to a destination yet		

On the next screen be sure to do this

Mappings	Clos	a number between 1 and 1,000. sest <i>without going</i> over wins swag!		×
Reg last_name				×
email v	→ Set	🚱 Email		×
S11 Constant	→ Set	kurt_s_workshop	Ð	×
		Type Automatic.(currently.Integer) Y		
Add N	Mapping		Multiple	•
Would you like to test your sync? Running a test sync will attempt to create/update a single record from your s Run Test	source data to Braz	2.		
		C	Cancel	Next

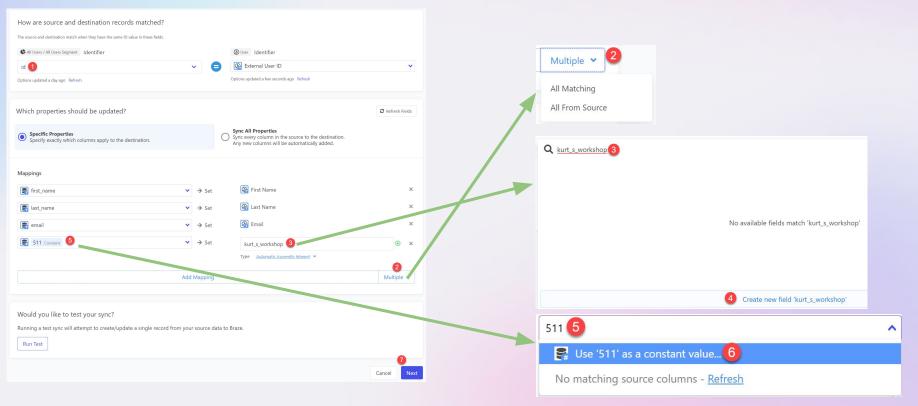
1. Select Connection "Braze Workshop"

2. Select Object "User"

	a new sync	
	t data do you want to sync?	
	raction shift - tf-redshift-demo-cluster [Read-only]	
Sou		
	Jsers (All Users)	
	nent Jsers Segment	
The Al	Users entity relates to the All Events entity	
Tables,	views, and models updated 2 hours ago Refresh	
Whe	re do you want to sync data to?	
	rection	
Bra	ze Workshop 🕧	
Obj Use		
Object	updated a few seconds ago Refresh	
	- Andrew a second state of the	
Hov	do you want to update the destination?	
The typ	e of change this sync should make when it finds a matching source and destination record.	
0	Update or Create	
0	Update existing destination records when IDs match, otherwise create new ones if they're missing.	
\bigcirc	Append	
0	Append every new record in the source to the destination.	
0	Mirror Keep the destination in sync with the source. Update records, create missing, and take action when records disappear.	
0	reep ure destination in sync with the source, opdate records, create missing, and take action when records disappeal.	
	When a record disappears from the source data Select a mirror type	
\cap	Delete	
	Attempts to delete records in the destination that are listed in the source.	

- 1. Select Identifier "id"
- 2. Select "Multiple > All Matching"
- 3. Type firstname_lastinitial_workshop

- 4. Click "Create new field..."
- 5. TYPE IN YOUR GUESS
- 6. Click "Use...as a constant value"
- 7. Click "Next"



1. Check "Run a sync now"

2. Click "Create Sync"

Create a new sync	
Confirm details	
SOURCE	CAIL Users / All Users Segment (4 current records)
DESTINATION	(b) User
SCHEMA CHANGES	+ kurt_s_workshop
MAPPING TYPE	Specific Properties - Only sync the specified columns.
MAPPED FIELDS	
SYNC ACTIONS	Update or Create - Update existing destination records when IDs match, otherwise create new ones if they're missing.
	The next sync will automatically be a full sync .
	1 🔽 Run a sync now?
	Back Create Sync

Your data in Braze!

Custom Attributes

kurt_s_workshop

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Please reach out

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linkedin.com/in/steckelio

