

# **Answering Research Questions Using SimplyAnalytics**

**About this document**: This guide will demonstrate how to answer research questions using SimplyAnalytics in a step-by-step format.

IMPORTANT – To answer these questions, you will first need to create a project. If you already have a project created, you can skip this section.

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# **Creating your project**

There are two steps to creating your project: (1) enter in at least one location, and (2) select one or more seed variables. By default, SimplyAnalytics recommends some "seed" variables for you. If you want to get started quickly, feel free to choose from that list. You can always add more variables later.

New Project	×	Please select one or more "seed" variables so we can auto-generate maps and reports for you.
Select a country for this project: USA 👻		(Thousands of other data variables are available. Use the 'Data' tab to search and add them to your project.)
Search for one or more locations that you would like to analyze:		# Total Population
		% Age   65 years and over
Q Location Search		SEducational Attainment   Bachelor's degree or higher
New Orleans, LA (City)		Vedian Household Income
		% Household Income   \$100.000 or more
10001, New York, NY (Zip Code)		Per Capita Income
Tucson, AZ (City)		Veteran Status   Veteran
		✓ # Housing Units
		% Housing Tenure   Owner occupied
Next		% Housing Tenure   Renter occupied
		Create project <u>Create project without seed variables</u>

SimplyAnalytics will automatically create a new project providing you with four views: A Map, Comparison Table, Quick Report and Ranking Table.

With the project created, you can proceed to answering the questions below.

×

# How can I get a community snapshot of my target location?

The Quick Report allows you to instantly access many of the most popular demographic & housing variables compiled in a pre-built report. Because the Quick Report is automatically generated for you when you create your project, you can easily access it by clicking on it towards the far-right of the interface. Alternatively, you can create a new quick report using the directions below.

1. Click on (1) New View located towards the top-right of the screen and click (2) Create under the Quick Report heading.

The *Edit View* screen appears showing the locations in your project. You can check or uncheck locations here.

If you want to use or add a new location, click on the Locations

QUICK REPORT Support + 🗂 Guest 🕶 Open Project + Project Settings Select this view if you rariables for any location. Add one or more loca report, select the report content (such as a Filtering + View Actions + Export @ phic Overview") from the dropdown box. New View + BG9801001, Orl 80 Create Comparison Table Edit Quick Report 2 X Quick Report - 11.47% LOCATIONS 11.48% - 21.59% 21.60% - 33.74% New Orleans, LA 33.75% - 51.83% 10001, New York, NY 51.84% - 100.00% Tucson, AZ Edit Ranking USA

button on the top-left side of the interface and type in the location you want to use. Click **3 Done** and your report will generate.

### How do I identify trends over time for a data variable?

The **Time Series Table** provides users with all years of data available for a given variable in each of your target locations.

- 1. Click on New View located towards the top-right of the screen and click *Create* under *Time Series Table*.
- 2. Specify a variable, your locations, and click on Done

Edit Time Series Table Done		
LOCATIONS	Select all   Clear	DATA
✓ New Orleans, LA		% Educational Attainment   Bachelor's degree or higher, 2023 Eem Est
✓ 10001, New York, NY		Median Household Income, 2023 dem Est
✓ Tucson, AZ		% Veteran Status   Veteran, 2023 dem rest
✓ USA		# Housing Units, 2023 dom Est

	Current Project: New Project					🗈 New Project 👕 Open Project 👻
The report will	Time series for <u>% Educat</u>	ional Attainment   Bac	helor's degree or higher,	2023 👻 Inc	luding Projected Data 👻	sorted by Data Variable 👻
provide you with	Data Variable	New Orleans, LA	10001, New York, NY	Tucson, A: In	cluding Projected Data	
multiple years of	% Educational Attainment			E	cluding Projected Data	
data for the	Bachelor's degree or higher, 2010 dem	31.64%	N/A	25.14%	27.90%	
chosen data	% Educational Attainment   Bachelor's degree or higher,	32.33%	66.42%	24.47%	28.20%	
variable.	2011 dem	02.0070	00.12,0	2	2012070	
Select the	% Educational Attainment   Bachelor's degree or higher, 2012 dem	33.01%	66.90%	24.21%	28.48%	
dropdown	% Educational Attainment   Bachelor's degree or higher,	33.71%	69.31%	24.71%	28.84%	
towards the top	2013 dem					
of the view to	% Educational Attainment   Bachelor's degree or higher, 2014 dem	34.44%	68.59%	25.04%	29.28%	
include projections of the	% Educational Attainment   Bachelor's degree or higher, 2015 dem	35.30%	66.72%	25.25%	29.77%	

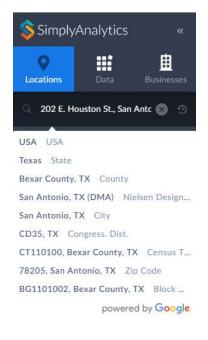
# How do I compare my home Census Block Group (my address) with the Census Tract, ZIP Code, County and State it resides in?

The **Comparison Table** allows you to create a table using different location types and multiple data variables. Think of this as building a spreadsheet from scratch, where you specify the exact locations and variables you want. <u>A</u> <u>Comparison Table is automatically generated when a</u> <u>project is created.</u>

data.

1. Click on the **Comparison Table** option on the far right of the screen to access the report. To add in your home Census Block Group and Census Tract from an address, select the Locations button on the left and type in your address.

Click *Address Search* and the location hierarchy for the location is shown. Add in the Block Group and repeat to add in the Census Tract.



If you know the ZIP Code and County – enter them in the **Locations** search bar where you entered in the address and they will be added in to the report.

	BG1101002, Bexar County, TX	CT110100, Bexar County, TX	78205, San Antonio, TX	Bexar County, TX	Texas
# Housing Units, 2023 dem est	1,242	3,156	1,974	788,626	11,773,680
% Veteran Status   Veteran, 2023 dem est	17.02%	9.99%	15.70%	9.16%	6.59%
Median Household Income, 2023 dem est	\$60,911.44	\$53,230.82	\$41,858.00	\$61,935.48	\$67,721.04
% Age   65 years and over, 2023 dem est	35.96%	24.68%	29.33%	12.32%	12.83%

### Adding in other data variables:

The data button located towards the left-hand side of the interface allows users to browse and add additional data variables to your report.



There are **three different ways** to browse for and search for data:

1 Enter a keyword into the data search bar, such as: "poverty" or "pet food" and press Enter

2 Click on one of the major categories you see present, such as *Population* – the variables panel will open and users can look into the subcategories or make a variable selection.

(3) If you prefer browsing by folder, click on the 'Data Folder' option located next to the default Category option.

Clicking on a category or browsing via dataset opens the Variables panel. To add in a data variable, simply click on the variable title itself and close out the panel. The variable will automatically be added.

Note that browsing by category or data folder is just a preference; it has all the same data.

# How do I rank the top 100 ZIP Codes in a state for a variable?

The Ranking Table is a great way to quickly analyze many locations within one larger geography. For example, rank all counties in the US or all the Census Tracts in a county. <u>A</u> Ranking Table is also automatically generated for each project. You can simply toggle to the Ranking Table at the far right of the interface.

1. Select the locations button on the left and enter the state you want to analyze into the search field. You can then use the dropdown box at the top of the report to specify which geographies display and which data variable to rank.

You can rank any data variable in your report by clicking on the "sorted by" dropdown.

Top 1	00 👻 Zip Codes 👻 in	Arizona 👻 sorted by % Educat	ional Attainment   Bachelor	r's degree or higher, 2023 👻	
	Location	% Educational Attainment   Bac egree or higher, 2023 dem est	Median Household Income, 2023 dem est	% Veteran Status   Veteran, 2023 dem est	# Housing Units, 2023 dem est
1	85718, Tucson, AZ	72.35%	\$99,520.35	9.18%	14,972
2	85255, Scottsdale, AZ	69.73%	\$137,123.36	6.05%	22,630
3	86017, Munds Park, AZ	69.23%	\$94,276.62	4.70%	3,019
4	85750, Tucson, AZ	68.74%	\$91,611.36	12.47%	13,417
5	86343, Crown King, AZ	68.29%	\$104,922.03	10.16%	240
6	85253, Paradise Valley, AZ	67.06%	\$173,148.53	4.95%	9,202
7	85258, Scottsdale, AZ	66.61%	\$96,841.42	6.55%	15,369
8	85266, Scottsdale, AZ	65.38%	\$148,376.46	5.03%	6,722
9	85259, Scottsdale, AZ	65.25%	\$121,345.43	5.68%	10,868
10	85004, Phoenix, AZ	65.22%	\$60,720.41	1.59%	6,230

# How do I generate a list of coffee shops in my city?

You can use a Business Table to generate a list of businesses in any location. The business information comes from Dun & Bradstreet and is updated once a month.

Select New View at the top-right and Create under the Business Table option.

(1) Select the Businesses button on the left. **NOTE**: There is a keyword search functionality within the business block (black bar right under it), try it out by searching for a business name or industry – i.e. type in "Starbucks" or "food" – keep in mind, it is general search so it will find any business related to your keyword.

You may also browse businesses by SIC or NAICS code. Select (2) Browse Business Categories and toggle to (3) SIC. From there, (4) type the word coffee in the search panel and select the code (5) for Coffee Shop.

SimplyAnalytics	Industry Classification System SIC NAICS Q coffee 4	×
🔹 🖬 🚺	CATEGORIES	Count
Locations Data Busines	20959901 Coffee extracts	37
	20959902 Coffee roasting (except by wholesale grocers)	303
Q Business Search	20959903 Coffee, ground: mixed with grain or chicory	13
	20959904 Freeze-dried coffee	6
Use advanced search	20959905 Instant coffee	31
	25119902 Coffee tables: wood	6
Browse business categories	35560303 Roasting machinery: coffee, peanut, etc.	34
	35890101 Coffee brewing equipment	42
	36340104 Coffee makers, electric: household	27
	50460302 Coffee brewing equipment and supplies	254
	51490500 Beverages, except coffee and tea	693
	51490900 Coffee and tea	572
	51490901 Coffee, green or roasted	896
	54990201 Coffee	5,324
	58120304 Coffee shop 5	24,770
	59630102 Coffee, soda, beer, etc: house-to-house sales	145
	59630203 Food service, coffee-cart	137
	59630204 Food service, mobile, except coffee-cart	723
	73899906 Coffee service	850

With the code selected, specify the target location and click **Done**.

Edit Businesses	
LOCATIONS	BUSINESSES
BG1101002, Bexar County, TX	• SIC = 58120304, Coffee shop
CT110100, Bexar County, TX	
78205, San Antonio, TX	
San Antonio, TX	
Bexar County, TX	
USA	
Arizona	

The report will generate. Click on **View Actions > Columns** at the top-right of the report to remove or add in additional fields of data. If your institution subscribes to the **Premium** D&B data you will see exclusive fields such as: sales volume, employee count, primary contact, and more. The **Standard** D&B (Points-of-Interest) file also includes a limited number of additional fields of data.

	t Project: Project					New Project	Open	Project 👻 🧕 Project Settings		🔿 Support 👻	🖰 Guest
1 res	sults for SIC = 581203	04, Coffee shop 👻	in 78205, Sa	n Antonio, TX 👻						View Actions	Export B
	Company Name 🗸	Business Name	Street Add	City	Chato Al	abroviation Zin Code Tole	nhono Num	hor Line of Ducinese Te	da	Edit View	New View
1	COFFEE SHOP		524 E HOI	DUNS Number		Latitude	✓	Primary Contact Title		Columns >	7 80
1	COFFEE SHOP		524 E HOI	Company Name	✓	Longitude	~	Primary Contact MRC Code		Columns 7	Comparis
2	COMMONWEALTH COFFEEHOUSE &		611 HEMI	Business Name	✓	Primary NAICS	✓	Secondary Contact		Delete View	Table
	BAKERY			Business Name 2		NAICS 2		Secondary Contact Title			·
3	DM COFFEE, LLC		540 S PRE	Business Name 3		NAICS 3		Secondary Contact MRC Code		-98.488973	Quick Rep
	DON MARTIN'S			Business Name 4		NAICS 4		Tertiary Contact			
4	COFFE CO		540 S PRE	Business Name 5		NAICS 5		Tertiary Contact Title		-98.488973	
5	E CO COFFEE + EATS LLC		1409 E CC ST STE C	Street Address	✓	NAICS 6		Tertiary Contact MRC Code		-98.474246	Map
	220		010120	City	~	Primary SIC	~	Sales Volume	~	_	7
6	GAL-TEX HOTEL		204 ALAM	State		SIC 2		Sales Volume Description		-98,486077	
Ŭ.	CORPORATION		204 ADAM	State Abbreviation	✓	SIC 3		Total Employees	~		
				Zip Code	<b>~</b>	SIC 4		Total Employees Description			ິ <b>⊞</b>
7	ROSELLA AT NORTH EAST METHODIST, LLC		114 E HOI	Mailing Street Address		SIC 5		Local Employees	~	-98.49335	Busines
				Mailing City		SIC 6		Local Employees Description		_	
8	ROSELLA AT THE RAND		10402 MC MARCY	Mailing State		Public or Private		Year Started	~	-98.49335	
				Mailing State Abbreviation		Primary Contact Prefix		Home-Based Business			
9	STARBUCKS CORPORATION	STARBUCKS	200 E HOI	Mailing Zip Code		Primary Contact First Name		State of Incorporation		-98.491232	
				Telephone Number	~	Primary Contact Middle Initia	al 🗌	Headquarters Country Name			
0	STARBUCKS	STARBUCKS	849 E CON	Status		Primary Contact Last Name		MSA Code		-98.48483	
	CORPORATION		STE 125	Line of Business	~	Primary Contact Suffix		Fax Number			
11	TEQUILA ALMOND CROISSANT, LLC	LA PANADERIA	301 E HOI	URL		Primary Contact		BEMFAB Indicator		-98,489572	

# How do I analyze data for downtown, or target neighborhood?

SimplyAnalytics uses Census boundaries, so you are welcome to choose from ZIP Codes, States, Counties, Census Tracts, etc. However, with questions such as this, "Downtown" is not an actual Census boundary, but it is likely a few ZIP Codes combined, or a few Census Tracts, etc. this can be created in SimplyAnalytics.

The **Custom Combination Location** feature enables users to combine locations of similar geographies to form one larger area. This example will combine 4 ZIP Codes to create "Downtown San Antonio". SimplyAnalytics will calculate all number, percent, and average data variables for the custom location.

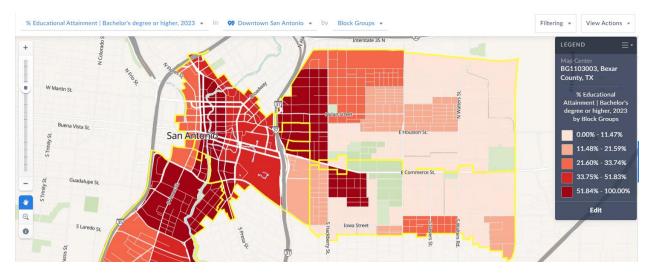
**NOTE:** You don't have to be in a map to create this custom location, but it is shown in a map here for reference.

Click on the Locations box at the top left and select the **Custom Locations heading**. From there, select *Create New Combination Location*. Enter the name for your location in box number 1.

If you have a list of locations that make up your custom location, you can type them into step number 2 shown below.

SimplyAnalytics «	Current Project: New Project	🗈 New Project	🔲 Open Project 👻
Locations Data Businesses	% Educational Attainment   Bachelor's degree or higher, 2023 + in New Orleans, LA + by	Zip Codes 👻	
Q Location Search 🕙	Create Combinatio	on Location	×
CUSTOM LOCATIONS Hide	0		
Create new radius location	Name your combination location	Select one or more locations	See.
Create new combination location >	Downtown San Antonio	Q Location Search	
		<b>78202, San Antonio, TX</b> (Zip Code)	×
		8203, San Antonio, TX (Zip Code)	×
		<b>/8204, San Antonio, TX</b> (Zip Code)	×
		<b>/8205, San Antonio, TX</b> (Zip Code)	×
	Blanning -		_
	Otenthan Save	Cancel	

Alternatively, if you have previously used () or favorited () locations you can easily access them by clicking on the respective icons within the **Location search** in step 2. Click **Save** to see your newly created location.



You can also use this custom location in any report.

Report Content: Demographic Overview -							
		Downto Anto		Texa	5	USA	
		Combinatio Zip C		State		USA	
POPULATION & SEX							
Total Population, 2023	$(\div)$	29,431		29,687,005		336,717,915	
Sex   Male, 2023	÷	15,697	53.33%	14,802,028	49.86%	166,524,775	49.46%
Sex   Female, 2023	÷	13,730	46.65%	14,868,373	50.08%	169,980,174	50.48%
AGE							
Age   Under 5 years, 2023	Ð	1,596	5.42%	2,001,706	6.74%	19,743,598	5.86%
Age   5 to 9 years, 2023	÷	1,657	5.63%	2,043,720	6.88%	20,224,161	6.01%
Age   10 to 14 years, 2023	÷	1,477	5.02%	2,213,135	7.45%	21,866,263	6.49%

**Tip**: if you want to create a custom location from the map, you can use the i-tool on the map toolbar to select locations – they will be instantly added to your recent locations list.

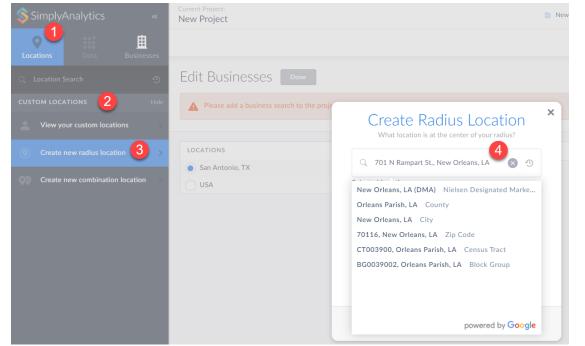
# How many restaurants are there within one mile of an address?

The custom radius location feature allows you to create a ring around a specific target area, and SimplyAnalytics will calculate the average, percent and total variables for the radius. You can also run business queries for the custom locations you create.

Open a Business Report by selecting New View > Business Table

Towards the left, click on (1) Location > (2) Custom Locations > (3) Create New Radius Location

4 Enter the target address & click on one of the geographic units (such as a block group).



When you select the geographic unit (this example will be the Block Group), click on **Save** to create the custom location (the default radius will be 1 mile).

Q Locatio			Ð
Selected Locat	ion:		
BG0039002	, Orleans Pari	sh, LA	
Radius:	1 mi	les	*

Next, you will need to setup the business query to search for both full service and limitedservice restaurants. This is possible by truncating the NAICS code to include both types of restaurants.

(1) Click on the Businesses button towards left and select (2) Use Advanced Search.

3 Set the first dropdown to NAICS, then select "starts with" and lastly 4 type in the word "restaurant". A list of related codes will appear.

SimplyAnalytics «	Current Project: New Project New Project	
Cocations Data		
Q Business Search	Edit Businesses Pone	
Use advanced search	Please add a business search to the project.	
Browse business categories	LOCATIONS Austin, TX USA © Within 1miles of BG0039002, Orleans Parish, LA Add 1-4 conditions to your search NAICS 3 Starts with Festaurant; and Other Eating Place 72251 - Restaurant; and Other	

Click on **72251** – this query is then setup to include 722511 (full service) and 722513 (limited service).

Click search and the report will generate.

• Locations	Data Business		results for NAICS st	irts with 72251, Restaur	ants and Other Eating Place	is 🔹 in 🕑 Wit	nin 1miles of BG00390	02, Orleans Par	ish, LA 🔹				v	View Actions •
	earch	9	Company Name	<ul> <li>Business Name</li> </ul>	Street Address	City	State Abbreviation	Zip Code	Telephone Number	Line of Business	Latitude	Longitude	Primary NAICS	Primary SI
ise advanced :	search		1920 ENTERPRISES, INC	BROUSSARD'S RESTAURANT	819 CONTLST	NEW ORLEANS	LA	701123439	5045813866	EATING PLACE	29.956475	-90,067968	722511	58120101
		2	2011 DENNY AVENUE, L.L.C.		400 MAGAZINE ST STE 400	NEW ORLEANS	LA	701302458		EATING PLACE	29.949514	-90.067945	722511	58120501
rowse busine	ss categones	3	3TRI LLC		947 N WHITE ST	NEW ORLEANS	LA	701194241	5046695584	EATING PLACE	29.973543	-90.082631	722511	58120501
		4	417 ROYAL RESTAURANT LLC		550 BIENVILLE ST	NEW ORLEANS	LA	701302207	5045395500	EATING PLACE	29.954088	-90.066443	722511	58120000
		5	426 BOURBON LLC		424 BOURBON ST	NEW ORLEANS	LA	701302231	5043091574	EATING PLACE	29.956493	-90.067498	722511	58120500
		6	441 ROYAL LLC	CREOLE CUISINE REST CONCEPTS	512 WILKINSON ST	NEW ORLEANS	LA	701302130	5045862074	EATING PLACE	29.956424	-90.063417	722511	58120101
		7	508 MAISON		508 FRENCHMEN ST	NEW ORLEANS	LA	701162024	5043715543	EATING PLACE	29.962801	-90.057723	722511	58120502

# How do I use the data filter?

You can use data filters to identify target areas based on criteria. For example, you want to rank the cities in the US that spend the most money on pet food (household average), but you only want to include cities with a population greater than 150,000.

Open a Ranking Table and add some variables, including Pet Food (HH Avg) (found by selecting **Consumer Behavior > Pets categories**), and # Population (Found under the **Popular** category).

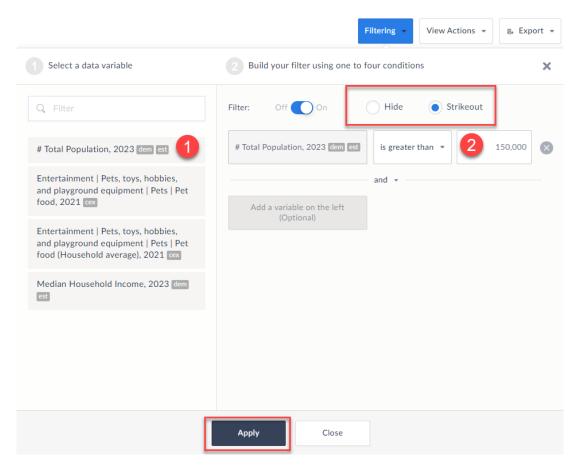
At the top of the Ranking Table, ensure USA is the chosen geography, and that cities is the geographic unit.

		# Total Population,			Median Household
	Location -	2023 dem est	Entertainment   Pets, toys, hobb ent   Pets   Pet food, 2021 cex	Entertainment   Pets, toys, hobb (Household average), 2021 cex	Income, 2023 dem est
1	Aaronsburg, Centre County, PA	607	N/A	N/A	\$67,331.24
2	Aaronsburg, Washington County, PA	367	\$41,081.77	\$205.97	\$13,487.4
3	Abanda, AL	233	N/A	N/A	\$25,827.4
4	Abbeville, AL	2,216	\$118,738.91	\$232.95	\$36,944.3
5	Abbeville, GA	2,742	\$15,891.00	\$75.48	\$22,128.0
6	Abbeville, LA	11,193	\$1,059,845.50	\$261.64	\$37,603.6
7	Abbeville, MS	402	\$16,507.18	\$357.84	\$53,670.9

Click on the **Filtering** dropdown at the top-right. The Filters panel will open.

		Filtering - View Actions -	🖏 Export
Entertainment   Pets, toys, hobb (Household average), 2021 cex	Median Household Income, 2023 dem est		New View
N/A	\$67,331.24		Comparison Table
\$205.97	\$13,487.40		×/
N/A	\$25,827.45		Quick Repor

(1) Click on # Total Population variable, leave the condition dropdown to: "is greater than" and (2) enter in 150,000 in the last available box. Click **Apply** & close out the panel.



All locations that don't meet your criteria will be stricken out. You can hide these locations altogether by reopening the Filters panel and clicking on the **Hide** option at the top. Now, you can select the "Sorted By" dropdown to see the final list ranking Pet Food (HH Average) for cities with more than 150,000 people. Final list shown here.

Top 1	0 100 • Cities • in USA • sorted by Entertainment   Pets, toys, hobbies, and playground equipment   Pets   Pet food (Household average), 2021 •						
	Location	# Total Population, 2023 dem est	Entertainment   Pets, toys, hobb ent   Pets   Pet food, 2021 cex	Entertainment   Pets, toys, hobb (Household average), 2021 💌	Median Household Income, 2023 dem est		
1	Sunnyvale, CA	156,242	\$25,950,402.25	\$445.37	\$165,171.62		
2	Bellevue, WA	154,076	\$25,377,059.59	\$418.25	\$141,874.76		
3	Fremont, CA	234,358	\$31,051,431.20	\$412.27	\$153,936.32		
4	San Francisco, CA	873,229	\$151,335,716.39	\$408.12	\$129,081.72		
5	Huntington Beach, CA	198,283	\$30,210,971.65	\$397.16	\$104,596.21		
6	San Jose, CA	1,017,469	\$128,528,193.69	\$394.92	\$126,893.29		
7	Arlington, VA	240,236	\$42,692,178.12	\$383.81	\$128,789.39		
8	Seattle, WA	760,954	\$131,638,205.27	\$376.76	\$106,763.53		
9	Alexandria, VA	160,566	\$27,968,401.33	\$373.49	\$106,688.29		
0	Scottsdale, AZ	249,027	\$41,312,895.38	\$368.57	\$97,825.14		

# How can I pull a list of target locations based on some criteria without using the data filter?

The **Location Query** report is similar to using data filters, except it is presented within its own report, and you are not limited to only using 4 conditions.

### Click on New View > Location Query

The report looks similar to the filter dialog box. Choose variables that represent what you are looking for and click **Search**. The far right of the screen displays the results.

In this example, a researcher is looking for a list of ZIP Codes in the USA that: More than 30% of Adults have a college degree, and those ZIP Codes have a median HH incomes between \$55-75k, and a total population of more than 50k, and spend more than \$120 per year on pet food.

Find all In USA •_ that	match the following conditions:					View Actions 🔹	Export 🖡
VARIABLES IN THIS PROJECT	BLES IN THIS PROJECT CONDITIONS						New View +
Q Filter	% Educational Attainment   Bachelor's degree or higher, 2023 dem est	is greater than × 30.00%	8		Location	% Educational A egree or highe	Quick Report
% Educational Attainment   Bachelor's degree or higher, 2023 dem_est		and •		1	02124, Dorchester Center, MA		× 👔
Median Household Income, 2023	Median Household Income, 2023	is between * \$55,000.0 \$75,000.0		2	06810, Danbury, CT		Map
dem est	dem lest			3	07002, Bayonne, NJ		× ]≡
% Veteran Status   Veteran, 2023		and v		4	07047, North Bergen, NJ		Ranking
# Housing Units, 2023 dem est	# Total Population, 2023 dem est	is greater than 👻 50,000	$\otimes$	5	07093, West New York, NJ		× 🔳
% Age   65 years and over, 2023		and 👻		6	07305, Jersey City, NJ		Time Series Table
Entertainment   Pets, toys, hobbies,	Entertainment   Pets, toys, hobbies, and playground equipment   Pets   Pet food	is greater than × \$120.00	8	7	07306, Jersey City, NJ		Comparison
and playground equipment   Pets   Pet food, 2021	(Household average), 2021 cer			8	08701, Lakewood, NJ		Table 2
Entertainment   Pets, toys, hobbies,	Add a variable from the left	and 💌		9	10027, New York, NY		Businesses
and playground equipment   Pets   Pet food (Household average), 2021	(optional)			10	10031, New York, NY		*∕ ₊_
# Total Population, 2023 dem est				11	10032, New York, NY		) Ranking 2
		Search		12	10033, New York, NY		√ ⊚
							Location Query

**Note:** any variable can be a condition. By default you will see a list of variables in your project (shown on the left of the screenshot) – if you don't see the variable you are looking for there already, you will have to add that in by clicking on the Data block and adding it to your report.

# How many millennials are there within a 1, 3, 5mi radius around an address?

The **Ring Study Table** allows users to select a central location, and get a detailed table containing data (#/% or Total/Avg variables) for the 1mi, 3mi, and 5mi rings around it. It is ideal when you need to understand the characteristics surrounding a specific location, or to compare locations for site selection.

SimplyAnalytics New Project 0 ≣ Locatio Edit Ring Study Done 160 S. Avenida Del Convento, ' 🛞 🕙 USA USA LOCATIONS Arizona State San Antonio, TX Tucson, AZ (DMA) Nielsen Designated M... Pima County, AZ County Imi around target area Tucson, AZ City These locations are not supported by this view type 85745, Tucson, AZ Zip Code CT002501, Pima County, AZ Census Tract 5014. Pima County. AZ Block C powered by Google

Click on New View > Ring Study Table

In the **Locations** button at the top-left, type in the chosen address and make your geography selection (block group in this example). Under the **Data** block, navigate to the Age category *or* **Community Demographics folder** and add in the appropriate age ranges.

💲 SimplyAnalytics «	Current Project: New Project			💽 New Project
♥ # ▲	Community Demographics - Latest			×
Locations   Data   Businesses     Q   Data Search   The search	Community Demographics     Population, Age, Sex		Q Filter	
CATEGORY OR DATA FOLDER YEAR: LATEST 👻	<ul> <li>Population</li> <li>Sex</li> </ul>		% Age   10 to 14 years est	:
STANDARD DATA PACKAGE	<ul><li>Age</li><li>Sex by Age</li></ul>		# Age   15 to 17 years ast	nen
Community Demographics Consumer Expenditure Estimates	Households and Families     Race and Hispanic or Latino		# Age   18 and 19 years est	com
US Election Data U.S. Census Bureau	<ul> <li>Ancestry</li> <li>Citizenship Status</li> </ul>		% Age   18 and 19 years est	3 de
2020 Decennial Census	Place of Birth		# Age   20 to 24 years est	over
<ul> <li>American Community Survey</li> <li>County Business Patterns Summary</li> </ul>	<ul> <li>Geographical Mobility</li> <li>Employment</li> </ul>		% Age   20 to 24 years est	toys
FBI	Marital Status		# Age   25 to 34 years est	✓ = toys 202
Uniform Crime Reporting NOAA	Language		% Age   25 to 34 years est	23
Climate Divisional Database	Income     Veteran Status		# Age   35 to 44 years est	✓ :, 20 ;, 20
PREMIUM DATA	Group Quarters		% Age   35 to 44 years est	, 20
AGS	🕂 💼 Health Insurance		# Age   45 to 54 years est	
Edit Ring Study				
LOCATIONS		DATA		Select all   Clear
New Orleans, LA			ucational Attainment   Bachelor's degree or higher, 2023	lem est
0 10001, New York, NY			an Household Income, 2023 dem est	
BG1101002, Bexar County, TX			eran Status   Veteran, 2023 dem est using Units, 2023 dem est	
78205, San Antonio, TX			e   65 years and over, 2023 dem est	
Bexar County, TX			tainment   Pets, toys, hobbies, and playground equipment	Pets   Pet food, 2021 cex
CT110100, Bexar County, TX			tainment   Pets, toys, hobbies, and playground equipment	Pets   Pet food
Within 1miles of BG0039002, Orleans Par	ish, LA		sehold average), 2021 cex al Population, 2023 dem jest	
BG0025092, Pima County, AZ			25 to 34 years, 2023 dem est	
These locations are not supported by this view typ	e		s   35 to 44 years, 2023 dem est	

Click **Done** to generate the final report. All number, percentage, average or total variables should calculate. You will see N/A for median, and any other variables that are unable to be calculated for a radii.

#### BG0025092, Pima County, AZ 💌

	1 mile radius	3 mile radius	5 mile radius	All of USA
# Age   25 to 34 years, 2023 dem est	2,307	15,027	32,080	45,396,842
# Age   35 to 44 years, 2023 dem_est	1,856	10,942	24,735	42,052,653