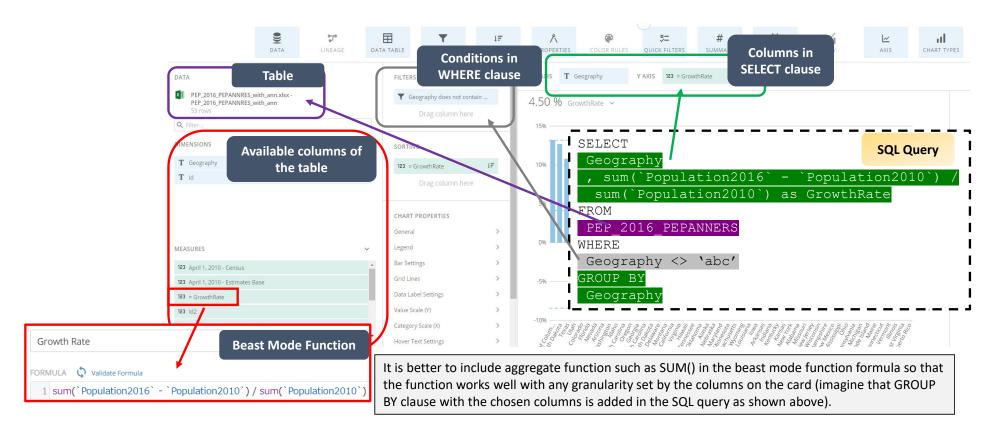


DOMO Analyzer

If you are familiar with SQL, you can understand well how a DOMO card works by mapping major sections on Analyzer screen to components of an SQL query.

DOMO Card is basically a visual representation of the result set by an SQL query.





Beast Mode

Reference Guide

http://knowledge.domo.com?cid=beastmodereference

Function	How to Write	Note
Conditional Expressions with CASE	Pattern #1 CASE WHEN `Amount` > 1000 THEN 'Big' WHEN `Amount` > 500 THEN 'Mid' ELSE 'Small' END Pattern #2 CASE `Geography` WHEN 'California' THEN 'CA' WHEN 'New York' THEN 'NY' ELSE 'Other' END	IN and LIKE operators are available in WHEN clause.
NULLIF	SUM(`Population2016`) / NULLIF(SUM(`Population2010`), 0)	NULLIF returns NULL if the first parameter equals the second parameter. One of the use cases of this function is setting NULL if the denominator value is 0 in division to avoid divide-by-zero errors.
IFNULL	IFNULL(`Student_Id`, 'NOT FOUND')	This is different from NULLIF! IFNULL converts the first parameter to the second parameter if the first parameter is NULL.



Beast Mode

Function	How to Write	Note
External Link	CONCAT(' This is a link ')	`URL` is a field that contains the fully qualified URL to the site to which you would like to link. e.g. https://domo.example.com
Image file from the Internet	CONCAT(' ')	`URL` is a field that contains the fully qualified URL to the image you would like to show. e.g. https://domo.example.com/image/sample_image.jpg
Substring	Extract domain part from email address SUBSTRING(`email_address`, INSTR((`email_address`, '@') + 1) Initials CONCAT(SUBSTRING(`First_Name`, 1, 1), '.', SUBSTRING(`Last_Name`, 1, 1))	
Window function	Pattern #1 (Ratio of the population of each row against the total population) SUM(`Population`) / SUM(SUM(`Population`)) OVER() Pattern #2 (Partitioned by Region) SUM(`Population`) / SUM(SUM(`Population`)) OVER(PARTITION BY `Region`)	As of November, 2018, it seems Windows function cannot be used with Total Row in CHART PROPERTIES on Analyzer.