

Dimension Name **Product**
Hierarchy Name **MMCCY**

SCD Type Type 2

#	Level Name	Estimated Level Cardinality (Estimated # of members per level)	DATT Name	MBR KEY MBR NAME or PROP	Estimated DATT Cardinality (Estimated # of unique values for each DATT)	ASSUMPTIONS
1	Make	(1+1)=2	PROD_Make_KEY PROD_Make_Name PROD_Make_Desc	K P N	2 2 2	Assume RRV has had 2 Makes in its history
2	Model	(1*6)+(1*4)=10	PROD_Model_KEY PROD_Model_Name PROD_Model_Desc	K P N	10 10 10	Assume Packrat has 6 models, Behemoth has 4 Models are not shared across Makes
3	Class	(1*6*)*3+(1*4)*3=30	PROD_Class_KEY PROD_Class_Desc PROD_MMC_ID PROD_Class_Name	K N P P	30 30 30 30	assume each Packrat & Behemoth model have 3 classes Classes are not shared across Makes
4	Color	(1*6*3)*6+(1*4*3)*6=180	PROD_Color_KEY PROD_Color_Desc PROD_Color_ID PROD_Color_Name	K N P P	180 180 6 6	assume ~6 colors per Class (reality will be more specific)
5	Model Year	(1*6*3*6)*54+(1*4*3*6)*54=9,720	PROD_KEY PROD_Vehicle_Type_ID PROD_MSRP PROD_Wholesale_Price PROD_Model_Year_KEY PROD_Model_Year	PK P P P SK N	9,720 9,720 9,720 9,720 54 54	assume 1964 through 2017 assume every Model has a Model Year, every year

Example DATT Value
100000 Packrat Packrat
2000 Hydrogen Hydrogen
400000 Basic 12345 Basic
500000 Emerald Green 123 Red
300000 12345 \$15,000 \$12,000 12345 1997