

Dimension Name **Product_Dim** SCD_Type
Hierarchy Name **MMCC**

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	Example DATT Value
1	Make	2	PD_Make_key	K	2	Only 2 Makes	1
			PD_MAKE	N	2	Two type of make	Packrat
2	Model	1* 6 + 1*4 =10	PD_Model_key	K	10	4 models for behmoth and 6 models for packrat	101
			PD_Model	N	10	10 unique names across make and model	Radon
3	Class	6* 3 + 4* 3 = 20	PD_Class_Key	K	20	3 classes for 6 packrat model and 3 for 4 behemoth models	201
			PD_Class	N	6	3 unique class name for 2 of the makes	Basic
			PD_Model_year	N	10	10 year models exists	2007
			PD_MMC_Year_code_key	K	200	200 MMC available	10001
			PD_MMC_Year_Code	P	200	200 unique code	Packrat_Radon_Basic_2007
			PD_Tank_Size	P	10	10options available for tank size	20.5

4	Model_Year	20 * 10 = 200	PD_Number_Of_Berths	P	8	8 options available for berths	5
			PD_Bath_type	P	4	4 options available for bath type	half bath
			PD_Furnance_Type	P	3	3 options available None, high, low	high quality Furnance
			PD_AirConditioner_Type	P	4	4 option avaialble	Large AC
			PD_Onboard_Water_Storage_Code_key	P	4	4 option available	301
			PD_Onboard_Water_Storage_Code	P	4	4 option available	KB
			PD_Onboard_Water_Storage	P	4	4 option available	Kitchen & Bathroom
			PD_Seat_type	P	3	3 option available	Leather
			PD_Mattress_Type	P	4	4 option available	Coil Spring
			PD_Carpeting	P	3	3 option available	full carpet
			PD_Solar_Panel	P	2	2 option available	Yes
			PD_Entertainment_Type_Code_Key	P	4	4 option available	401
			PD_Entertainment_Type_Code	P	4	4 option available	TS
			PD_Entertainment_Type	P	4	4 option available	TV & Stereo
5	Color	200 * 5 = 1000	PD_Product_Key	K	1000	5 color in each MMC and year, makes the grain of the product	100001
			PD_Product_Code	P	1000	Unqie product code for each MMCC and year	PRB07R
			PD_Color_Key	P	5	surrogate key for each color	1
			PD_COLOR	N	5	5 colors	Red
			PD_Color_Type	P	2	2 types, light dark	Dark

			PD_MSRP	P	1000	Price is unique for each product	250000
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