Entity-Relationship Diagram

cal

PK	cal_key: int
	cal_day: int
	cal_mo: varchar(3)
	cal_qtr: int
	cal_yr: int

cust

PK	cust_key: int
	cust_id: int
	cust_name: varchar(50)
	cust_cat: varchar(25)
	cust_zip: varchar(10)

revenue_fact

FK1	calendar_id: date
FK2	cust_id: int
FK3	item_id: int
	amount: currency
	quantity: int

item

PK	item_key: int
	item_id: int
	item_category: varchar(25)
	item_type: varchar(25)

calendar_dimension

cal_key	cal_day	cal_mo	cal_qtr	cal_yr
1	1	Jan	1	2004
2	2	Jan	1	2004
3	3	Jan	1	2004
4	4	Jan	1	2004
5	5	Jan	1	2004

cust_dimension

cust_key	cust_id	cust_name	cust_cat	cust_zip
1	111	Joe	ind	60611
2	222	Mary	ind	60640
3	333	Sue	ind	60611
4	CC1	Sears	corp	60640
5	CC2	Boeing	corp	60611

item_dimension

item_key	item_id	item_category	item_type
1	M1	Membership	plat
2	M2	Membership	gold
3	M3	Membership	value
4	PSA	one_day_p	adult
5	PSS	one_day_p	senior
6	PSK	one_day_p	kid
7	AP1	mrch	t_shirt
8	AP2	mrch	hat
9	EQ3	mrch	jump_rope
10	LH-A	spsc_ev	all_day
11	LH-H	spsc_ev	half_day

revenue_fact

calendar_key	cust_key	item_key	amount	qty
1	1	1	$1000	1
1	2	3	$300	1
1	3	3	$300	1
1	1	4	$20	1
1	3	4	$20	1
2	3	6	$3	1
1	3	7	$11	1
1	3	8	$9	1
2	2	8	$9	1
3	1	9	$36	3
4	4	10	$3500	1
5	5	11	$2200	1