

1. I change the sales_date from 2000-01-03 to 2015-01-03 in the source file.

```
sales_raw_id,customer_id,prod_code,sales_date,transaction_number,transaction_line_number,unit_price,discount_pct,
10000,C68854,1052,2015-01-03, 5000302, 1, 107.96, 5, 4,410.25
10001,C96875,1043,2000-01-11, 5000566, 1, 24.99, 0, 3,74.97
10002,C3394,1030,2000-01-27, 5001137, 1, 22.75, 10, 2,40.95
```

Then, in the fact table, it shows a dummy row. The date_key changed to 19000101.

<input type="checkbox"/>	date_key	customer_key	product_key	sales_raw_id	transaction_number	transaction_line_number	unit_price	discount_pct
<input type="checkbox"/>	19000101	182	53	10000	5000302	1	107.96	
<input type="checkbox"/>	20000111	347	44	10001	5000566	1	24.99	
<input type="checkbox"/>	20000127	703	31	10002	5001137	1	22.75	
<input type="checkbox"/>	20000127	703	14	10003	5001137	2	10.74	

2. I add a row in the source file.

```
11497,C51600,1015,2007-01-03, 5000970, 1, 8.0, 15, 3,20.4
11498,C43396,1031,2007-01-08, 5000261, 1, 17.99, 0, 3,53.97
11499,C46839,1014,2007-01-29, 5000564, 1, 17.49, 20, 1,13.99
11500,C43232,1022,2014-01-29, 5000564, 1, 17.49, 20, 1,13.99
```

Then, in the fact table, we will see the changes, the date-key is 19000101 and the customer-key is 0.

<input type="checkbox"/>	date_key	customer_key	product_key	sales_raw_id	transaction_number	transaction_line_number	unit_price	discount_pct
<input type="checkbox"/>	19000101	182	53	10000	5000302	1	107.96	
<input type="checkbox"/>	19000101	0	23	11500	5000564	1	17.49	
<input type="checkbox"/>	20000111	347	44	10001	5000566	1	24.99	
<input type="checkbox"/>	20000127	703	31	10002	5001137	1	22.75	