

Consider the below steps while calculating promotional pricing and total revenue after promo for Buy One, Get One Free (BOGOF) offer.

Table: fact_events

| event_id | store_id | campaign_id | product_code | base_price | promo_type | quantity_sold(before_promo) | quantity_sold(after_promo) |
|----------|----------|-------------|--------------|------------|------------|-----------------------------|----------------------------|
| 78bc80 | STVJD-0 | CAMP_SAN_01 | P07 | 300 | BOGOF | 22 | 85 |
| fe3560 | STHYD-4 | CAMP_DIW_01 | P13 | 350 | BOGOF | 73 | 245 |
| 6b2afc | STCBE-4 | CAMP_SAN_01 | P08 | 1190 | BOGOF | 30 | 79 |
| ce5851 | STMDU-2 | CAMP_SAN_01 | P03 | 200 | BOGOF | 318 | 1265 |
| c0ecb5 | STCHE-2 | CAMP_SAN_01 | P07 | 300 | BOGOF | 43 | 167 |
| 7ef92f | STHYD-5 | CAMP_SAN_01 | P07 | 300 | BOGOF | 55 | 213 |
| 0f422c | STBLR-0 | CAMP_DIW_01 | P14 | 1020 | BOGOF | 42 | 168 |
| 1e9a06 | STCHE-4 | CAMP_DIW_01 | P13 | 350 | BOGOF | 84 | 338 |
| 7fc923 | STTRV-0 | CAMP_SAN_01 | P08 | 1190 | BOGOF | 19 | 74 |
| bf33ae | STMYS-0 | CAMP_DIW_01 | P14 | 1020 | BOGOF | 59 | 182 |
| 35fb5b | STCBE-2 | CAMP_DIW_01 | P13 | 350 | BOGOF | 50 | 190 |
| 4f0587 | STMDU-0 | CAMP_SAN_01 | P08 | 1190 | BOGOF | 33 | 136 |
| fa5b45 | STVJD-1 | CAMP_SAN_01 | P08 | 1190 | BOGOF | 27 | 109 |
| f3ac85 | STBLR-5 | CAMP_SAN_01 | P03 | 200 | BOGOF | 348 | 1350 |

- In the BOGOF offer, the free item is not initially counted in the quantity. (2 units are bundled and counted as one)
- To get the adjusted quantity (units), we need to multiply the quantity by 2.
- Calculate the promotional price by halving the base price (promo_price = base_price * 0.5).
- Multiply the adjusted quantity by the promotional price to obtain the total revenue after promo and also correct ISU%.