

Level 0

Base table A

Base table B

Level 1

Projection

Selection

Delta A

Delta B

t_p, t_d

Level 2

Count

Sum

Index

Pre Aggregation

Reverse Join

d_i, d_u, d_d

Level 3

Min

Max

p_i, p_u, p_d

Inner Join

Full Join

Left Join

Right Join

