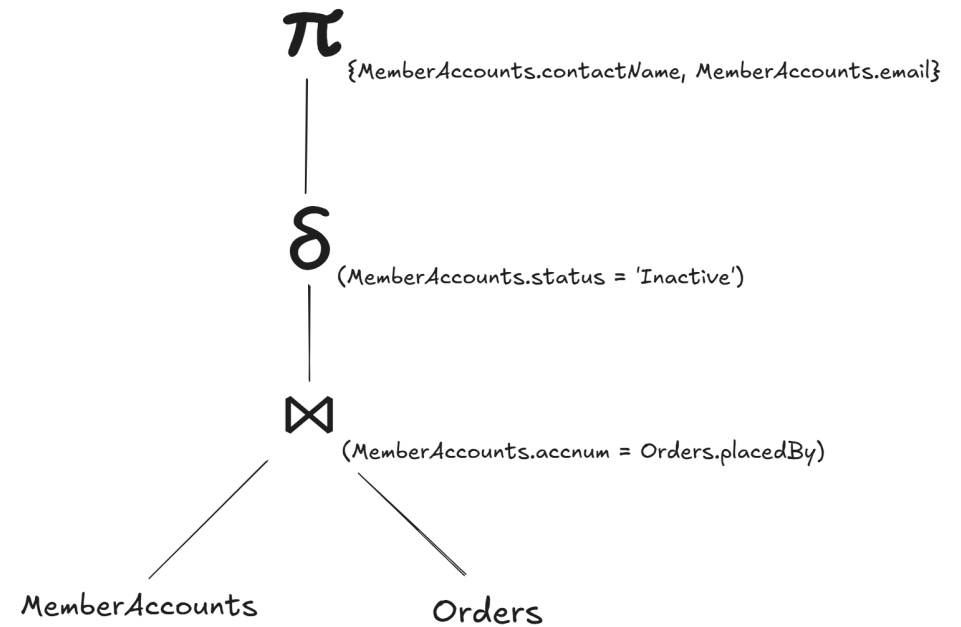


$\pi$  - Projection  
 $\delta$  - Selection  
 $\rho$  - Renaming  
 $\times$  - Cross-Product  
 $\bowtie$  - Join / Natural Join  
 $-$  - Set Difference  
 $\Join$  - Left Outer Join

1.



2.

