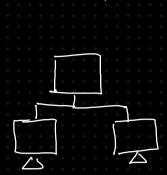
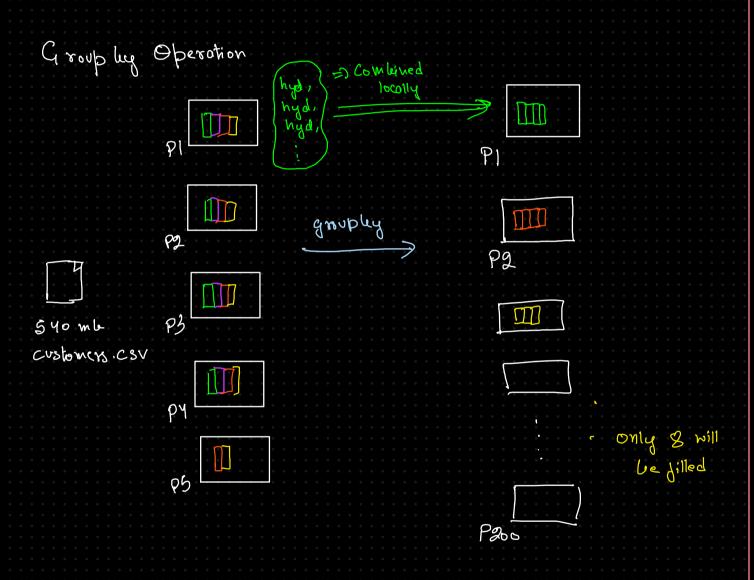
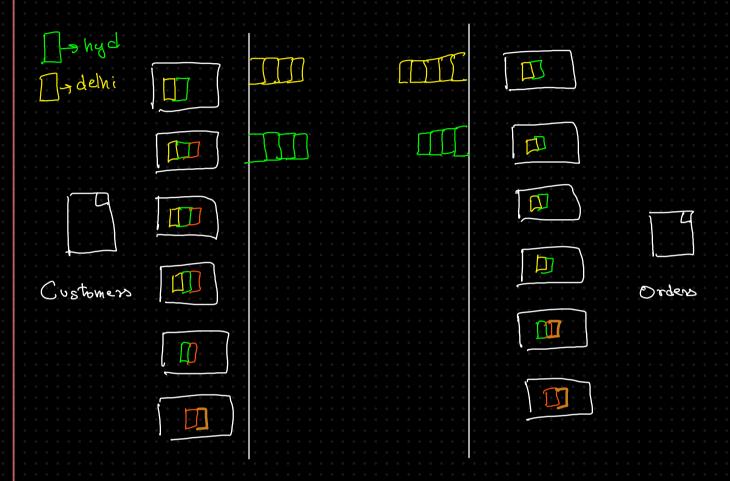
Buckets





Join in Spork

Dejavlt Broodcast Skew



Broadcast Join

Feature

When Used?

Performance

Memory Usage

When to Use?

Can be Forced?

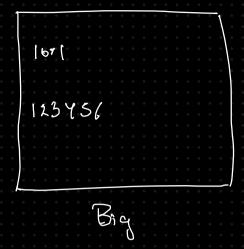
Execution Strategy

Νo

Slower due to shuffle

Large datasets with no small table

Shuffling?





Shuffle Sort Merge Join												Broadcast Join																				
Default for large tables												When one table is small (≤ 50MB)																				
Yes (expensive)												No (avoids shuffle)																				
Sort & Merge												Hash-based lookup																				

Faster (O(1) hash lookup)

Small table + large dataset

Yes(.hint("broadcast"))

Higher (broadcasted table stored in memory)

Skewness in the Data