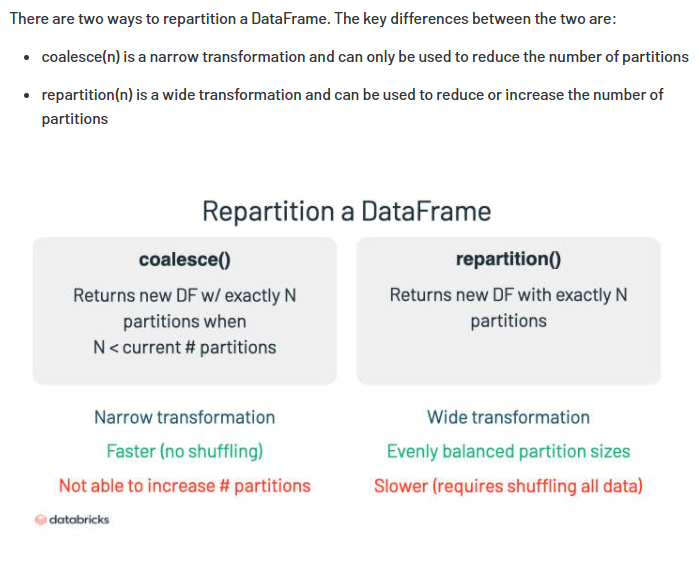
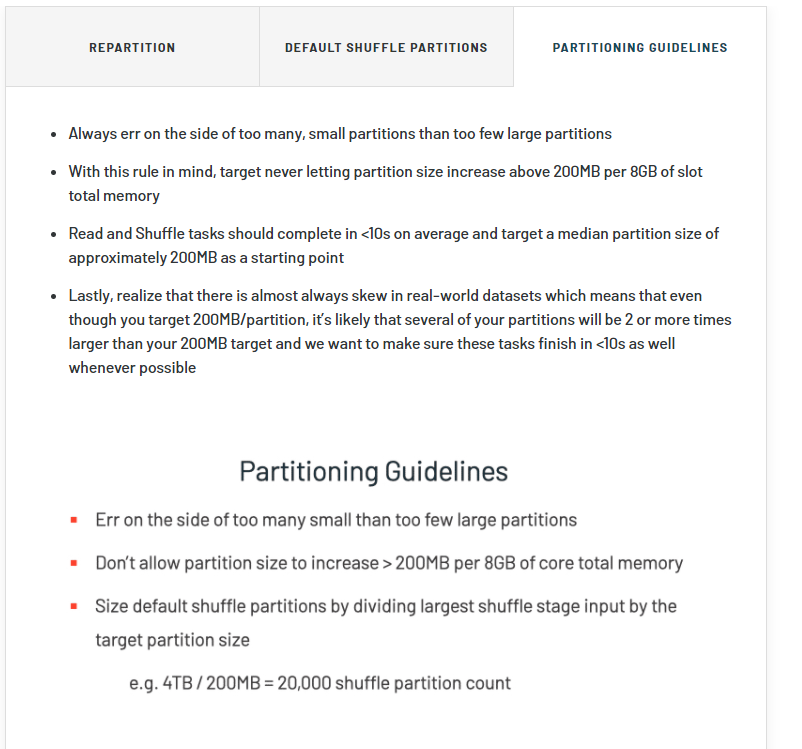


**Predicate Pushdown**

### No Predicate Pushdown

Caching the data before filtering eliminates the possibility for the predicate push down





SPARK STREAMING:



