13.4 A free space map (FSM) is a Lata streeture used by a Latabase to track of how much free space is available in each black of a Lata file.

Instead of storing the exact number of be free bytes, we only storage on approximate catagory. This saves space.

The number of times the free spaces map needs to be updated decreases.

Because we are only tracking the apposituates levels (not exact bytes), so somal insertion/ deletion don't always the catagory often.

So, the FSM doesn't need to be updates every time a record changes.

Drawbacks: Wasted space, but Increased search cost.