

1906534 Date Page Ankit Raj Continous queries are registered in the query repository and townested into execution Blans; similar queries may be grouped for Shared processing. The query boocessor may sommicate with the infect monitor and may change the query blans in response to changes in the workload and the input rates. tinally, results may stocamed to users, to alerting or event-boocessing Storage and further analysis. h1 (n) = 3n + 3 mod 6 (ii) h2(n) = 2x + 9 mod 2 h3(n)= 3n+7 mod 8 hy(n) = 2n+3 mod 5 Size = 10. Inital = h,(n) h2(n) h3(n) hy (n) Insert (n) 10

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After 8, the bloom filter
01101110101000
After 10, the bloom filter.
final
Bloom = 0 1 0 1 1 1 0 1 0 0 0 1 1 1 1 0 1 0
Lookup
Querey he has hy
48 3 1 7 4
Since, 1 is present at 3rd, 1st, 7th and 9th position of bloom filter array, hence, it is FALSE POSITIVE
7 0 1 4 2
"i Since, There is no I on the oth and 2nd Bosition.
is 7 is not bresent in the set.