Batch 7 Internship Task 2 :

You have to find the time and space complexity of all the above listed algorithms

	Train Time Complexity	Train Space Complexity	Test/Run Time Complexity	Test/Run Space Complexity
LR	$O(nd)$	$O(nd)$	$O(d)$	$O(d)$
SVR	$O(n^{2} d^{2})$	$O(nd)$	$O(kd)$	$O(kd)$
RF	$O(k\,n\,\log n\,d)$	$O(\#nodes\,k)$	$O(k\,\log n)$	$O(\#nodes\,k)$
G B	$O(M\,n\,\log n\,d)$	$O(\#nodes\,M + gamma\,m)$	$O(M\,\log n)$	$O(\#nodes\,M + gamma\,m)$
XgB	$O(kd\|x\|_{0}\log n)$	$O(kd\|x\|_{0}\log n)$	$O(kd\,\log n)$	$O(kd\,\log n)$