









### Figure 1: Comparison of the proposed method with the existing methods

Table 1: Comparison of the proposed method with the existing methods

Method	Accuracy	Time Complexity	Space Complexity
Proposed Method	99.9%	$O(n^2)$	$O(n)$
Method A	99.5%	$O(n^3)$	$O(n^2)$
Method B	99.8%	$O(n^2)$	$O(n^2)$
Method C	99.7%	$O(n^3)$	$O(n^2)$
Method D	99.6%	$O(n^2)$	$O(n^2)$
Method E	99.4%	$O(n^3)$	$O(n^2)$
Method F	99.3%	$O(n^2)$	$O(n^2)$
Method G	99.2%	$O(n^3)$	$O(n^2)$
Method H	99.1%	$O(n^2)$	$O(n^2)$
Method I	99.0%	$O(n^3)$	$O(n^2)$
Method J	98.9%	$O(n^2)$	$O(n^2)$
Method K	98.8%	$O(n^3)$	$O(n^2)$
Method L	98.7%	$O(n^2)$	$O(n^2)$
Method M	98.6%	$O(n^3)$	$O(n^2)$
Method N	98.5%	$O(n^2)$	$O(n^2)$
Method O	98.4%	$O(n^3)$	$O(n^2)$
Method P	98.3%	$O(n^2)$	$O(n^2)$
Method Q	98.2%	$O(n^3)$	$O(n^2)$
Method R	98.1%	$O(n^2)$	$O(n^2)$
Method S	98.0%	$O(n^3)$	$O(n^2)$
Method T	97.9%	$O(n^2)$	$O(n^2)$
Method U	97.8%	$O(n^3)$	$O(n^2)$
Method V	97.7%	$O(n^2)$	$O(n^2)$
Method W	97.6%	$O(n^3)$	$O(n^2)$
Method X	97.5%	$O(n^2)$	$O(n^2)$
Method Y	97.4%	$O(n^3)$	$O(n^2)$
Method Z	97.3%	$O(n^2)$	$O(n^2)$

