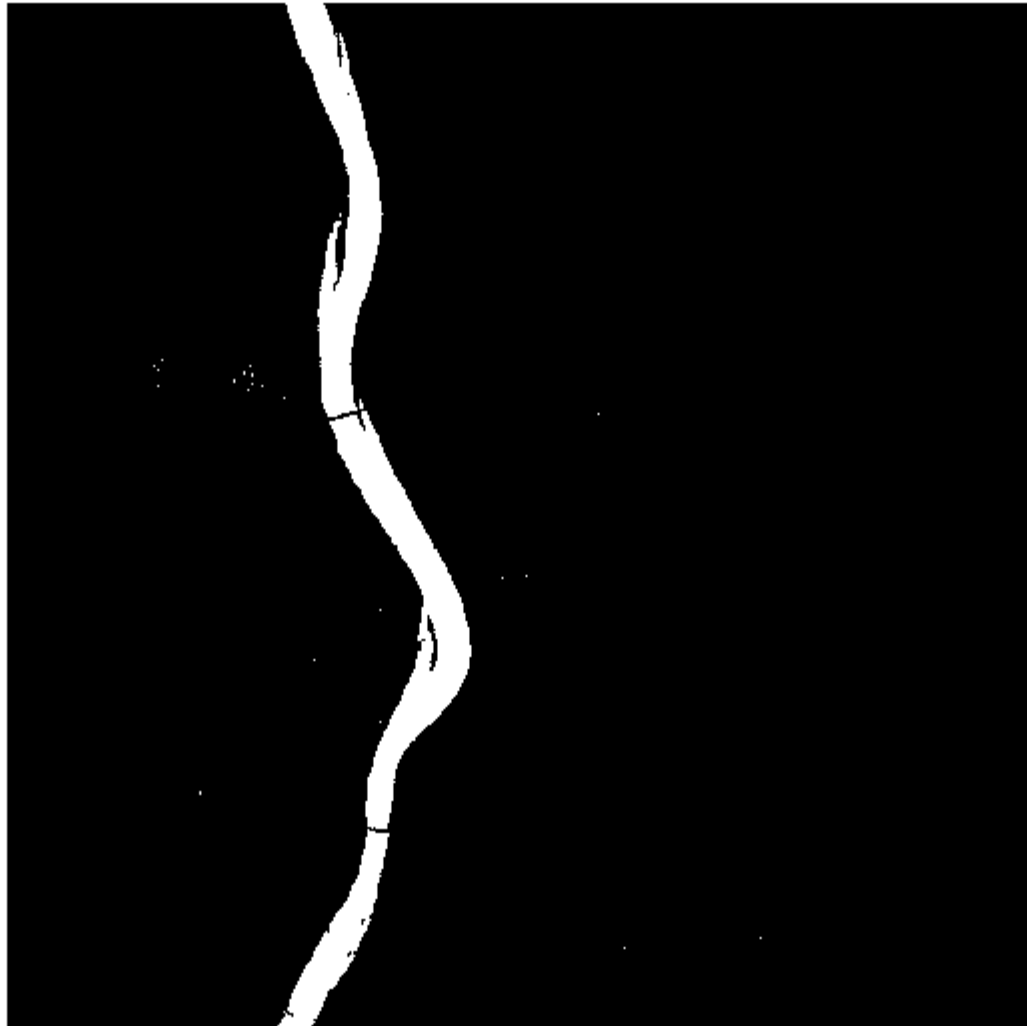


Bayes Rule: $P1 = 0.3$ and $P2 = 0.7$



Bayes Rule: $P1 = 0.7$ and $P2 = 0.3$

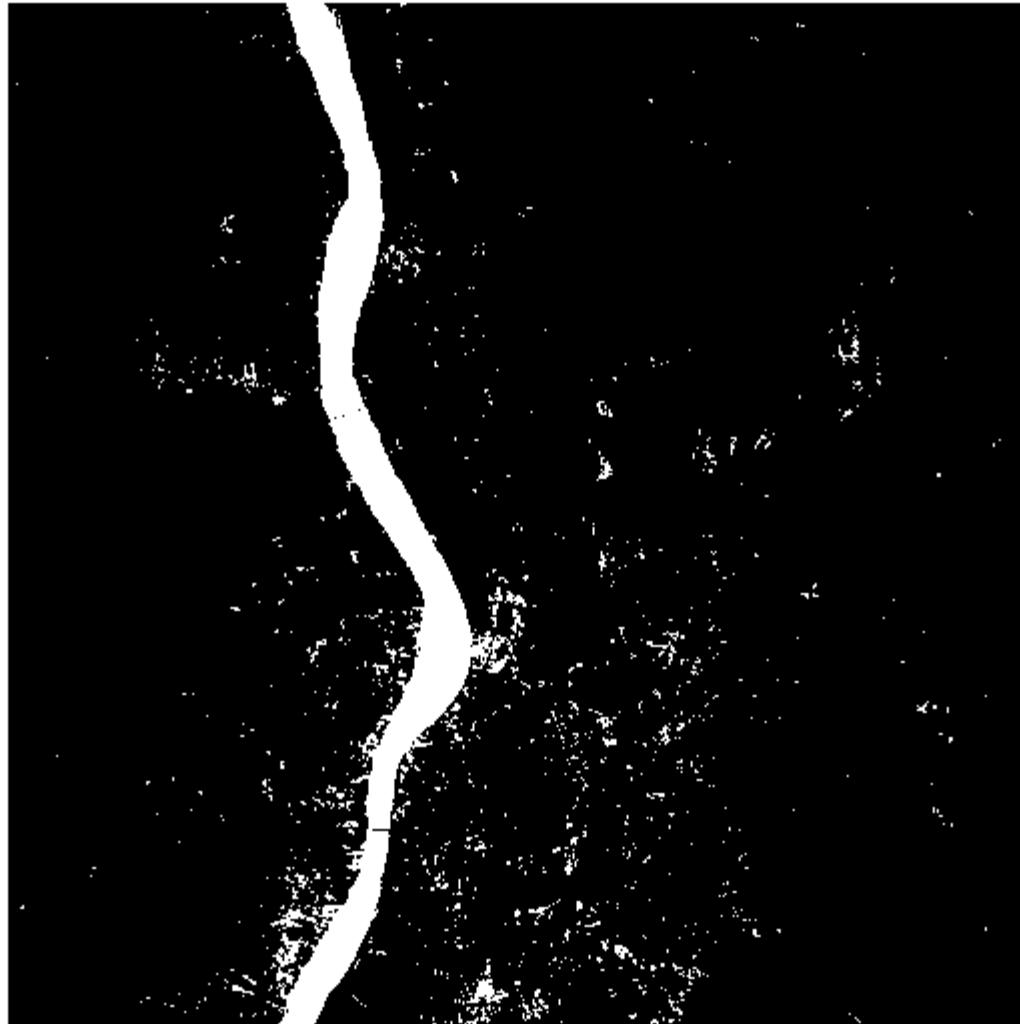


Bayes Rule: $P1 = 0.5$ and $P2 = 0.5$



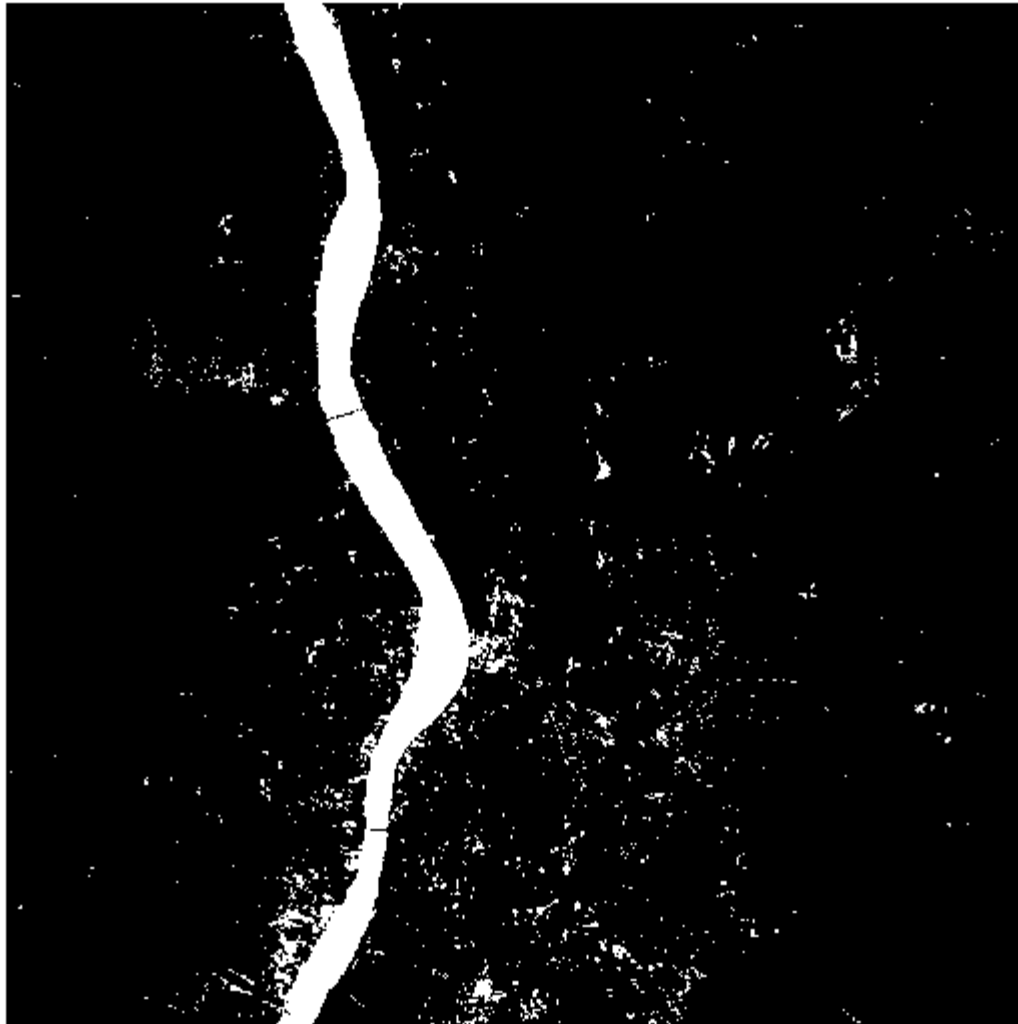
K-NN for $K = 1$

Image after applying knn=1



K-NN for $K = 3$

Image after applying knn=3



K-NN for $K = 5$

Image after applying knn=5



K-NN for $K = 7$

Image after applying knn=7



K-NN for $K = 9$

Image after applying knn=9

