

HR Analytics Job By Classification Algorithms

"Minimum Viable Product MVP"

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The objective of this project is to analyze data for human resources purposes through which the types of candidates will be estimated. Where there are two types: the first type: the candidates looking for a career change and leaving the current job, and the second type: the candidates who want to stay in the company. By using classification algorithms: Logistic Regression, Random Forest, Decision Tree, K-Nearest Neighbor.

The figure shows a performance scale for Precision and Recall Curves for the best models, Random Forest, K-Nearest Neighbor.

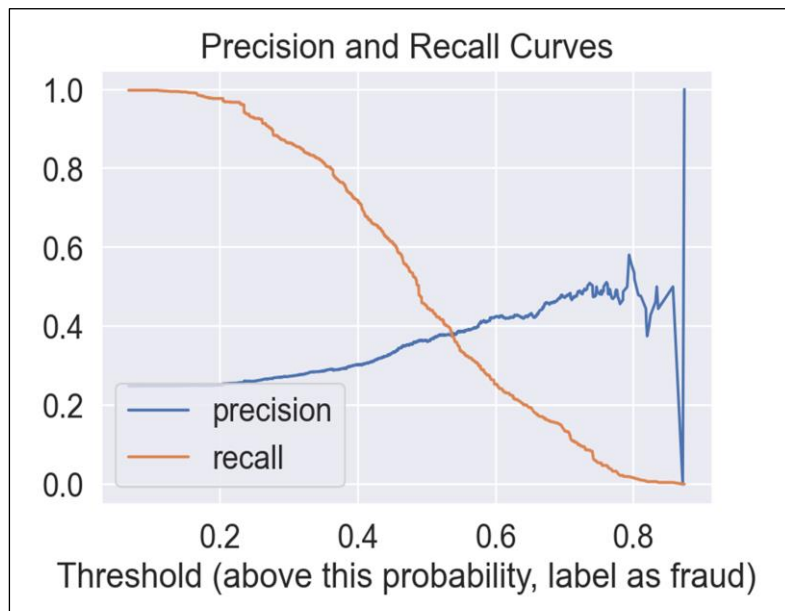


Fig: 1 Precision and Recall Curves for Random Forest.

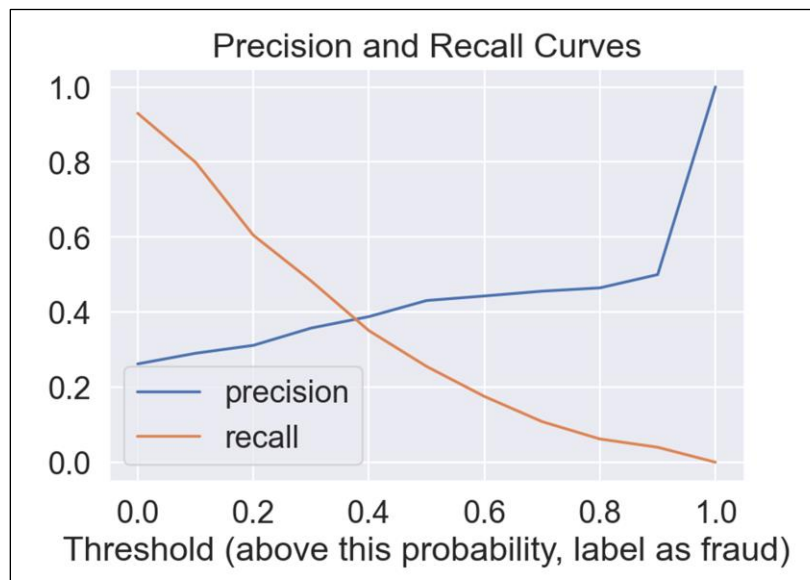


Fig 2: Precision and Recall Curves for KNN.