

Analysis Report

Original Dataset Information

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 91713 entries, 0 to 91712

Columns: 186 entries, encounter_id to apache_2_bodysystem

dtypes: float64(178), int32(8)

memory usage: 127.3 MB

Cleaned Dataset Information

<class 'pandas.core.frame.DataFrame'>

Index: 87643 entries, 0 to 91712

Columns: 186 entries, encounter_id to apache_2_bodysystem

dtypes: float64(178), int32(8)

memory usage: 122.4 MB

List of Selected Features

apache_3j_diagnosis

gcs_eyes_apache

gcs_motor_apache

gcs_verbal_apache

ph_apache

d1_lactate_max

d1_lactate_min

d1_arterial_ph_max

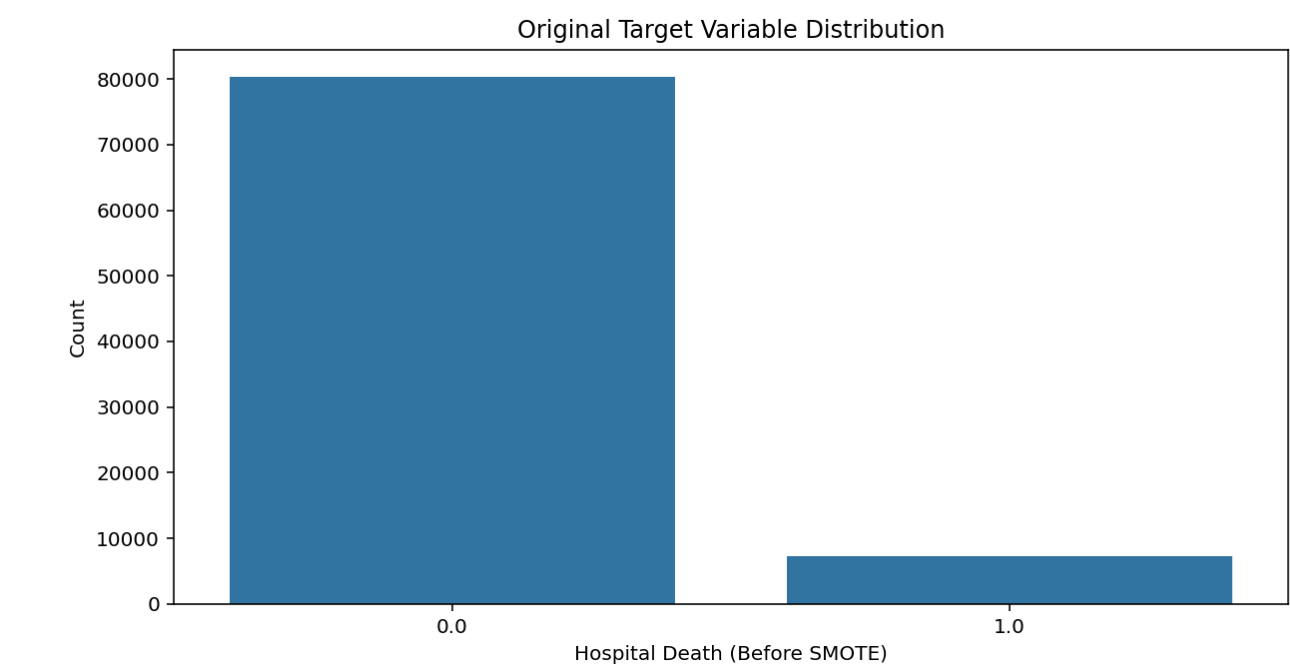
d1_arterial_ph_min

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d1_pao2fio2ratio_max

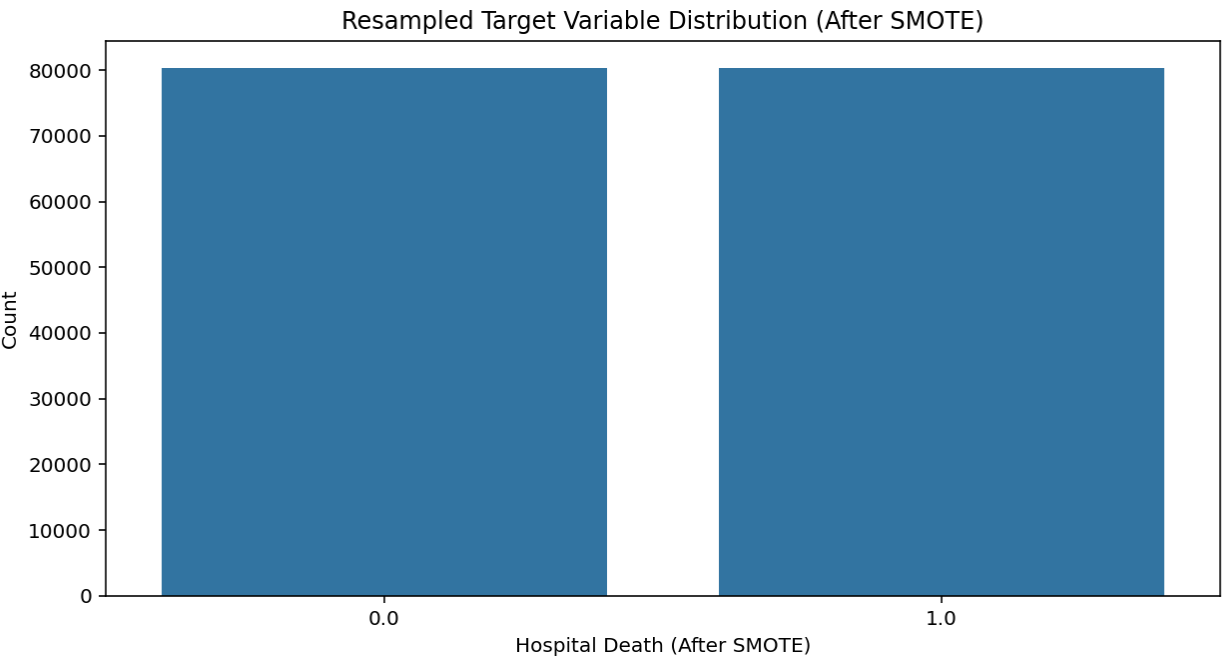
Target Variable Distributions

Original Target Variable Distribution

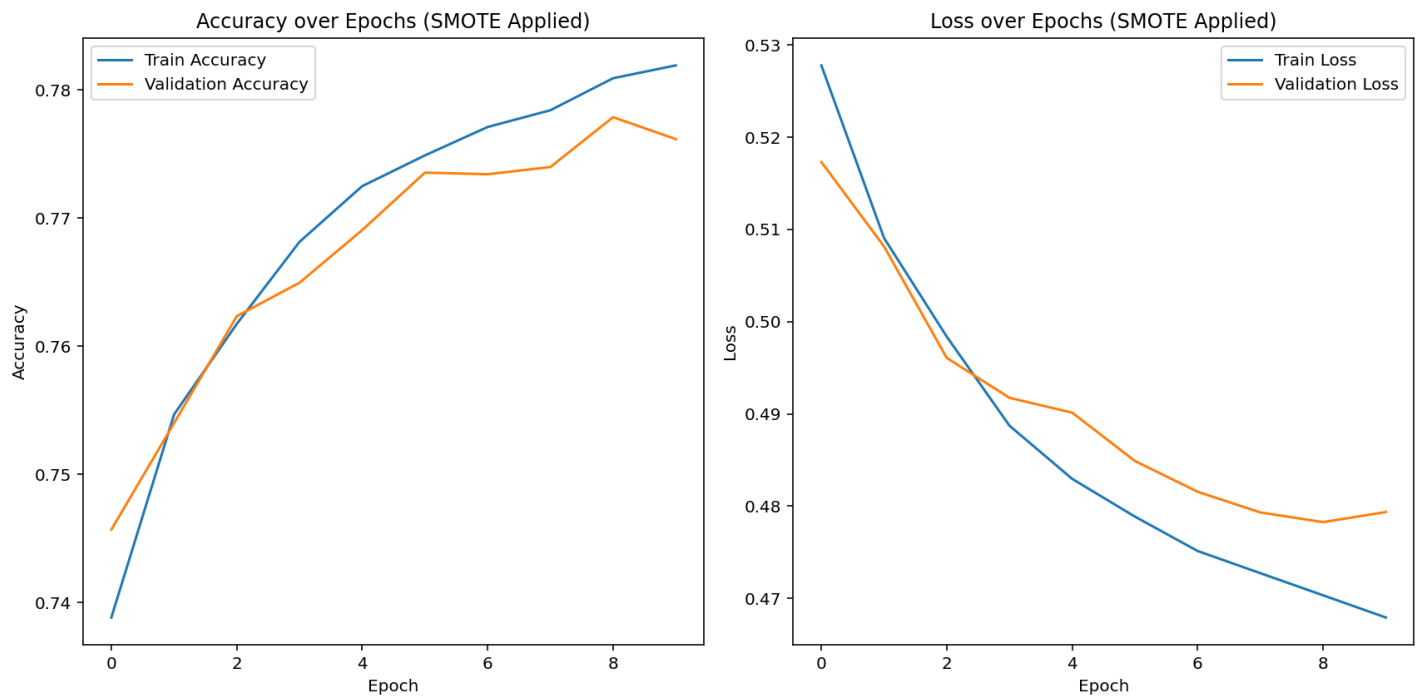


Resampled Target Variable Distribution

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Training History: Accuracy and Loss Over Epochs



Model Metrics

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Accuracy: 0.7710

Precision: 0.8069

Recall: 0.7158

F1-Score: 0.7586

SHAP Summary Plot

