

Executive Overview

(Reducing readmissions through risk stratification)

Total Patient

101.766K

Readmission Rate

11.16 %

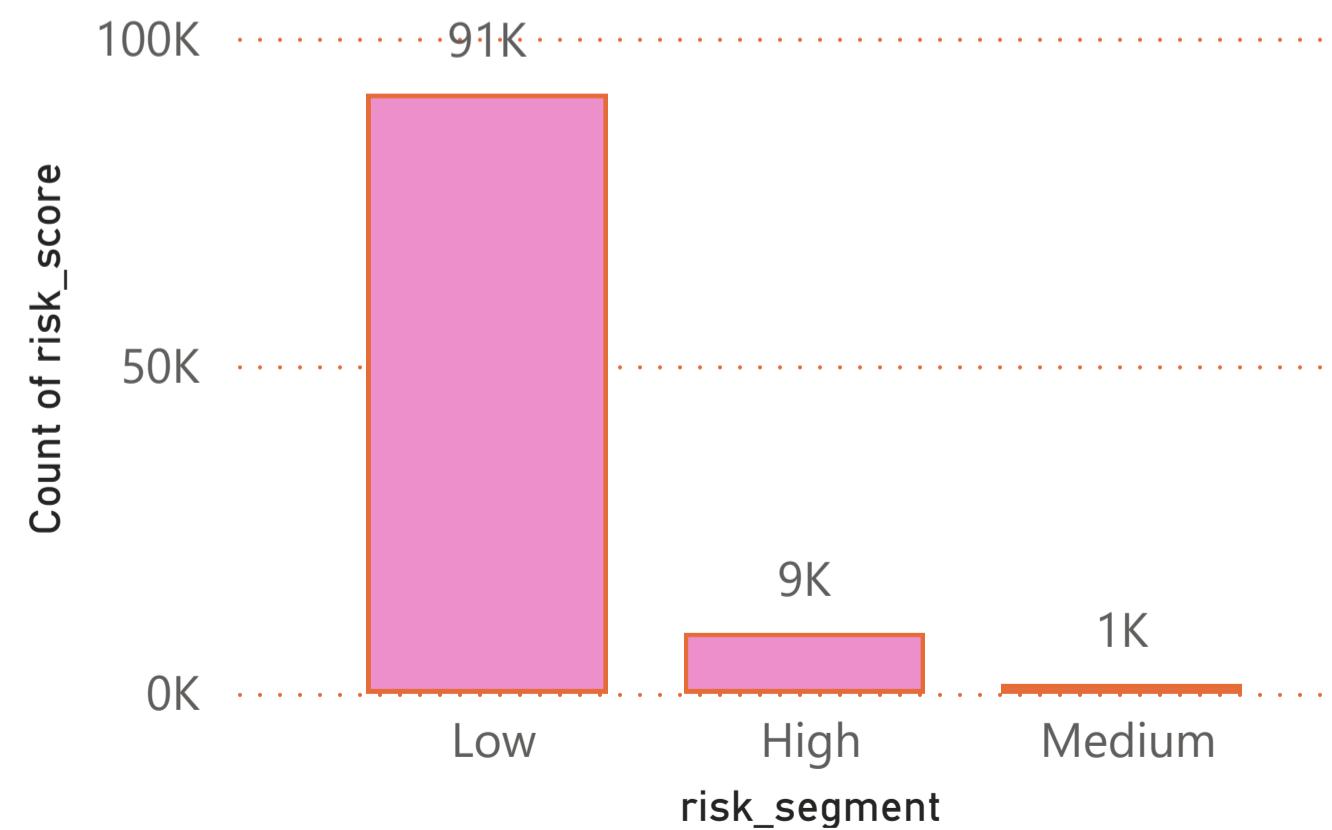
Readmission Rate

Average Risk Score

0.11

Average Risk Score

Risk Segment Distribution



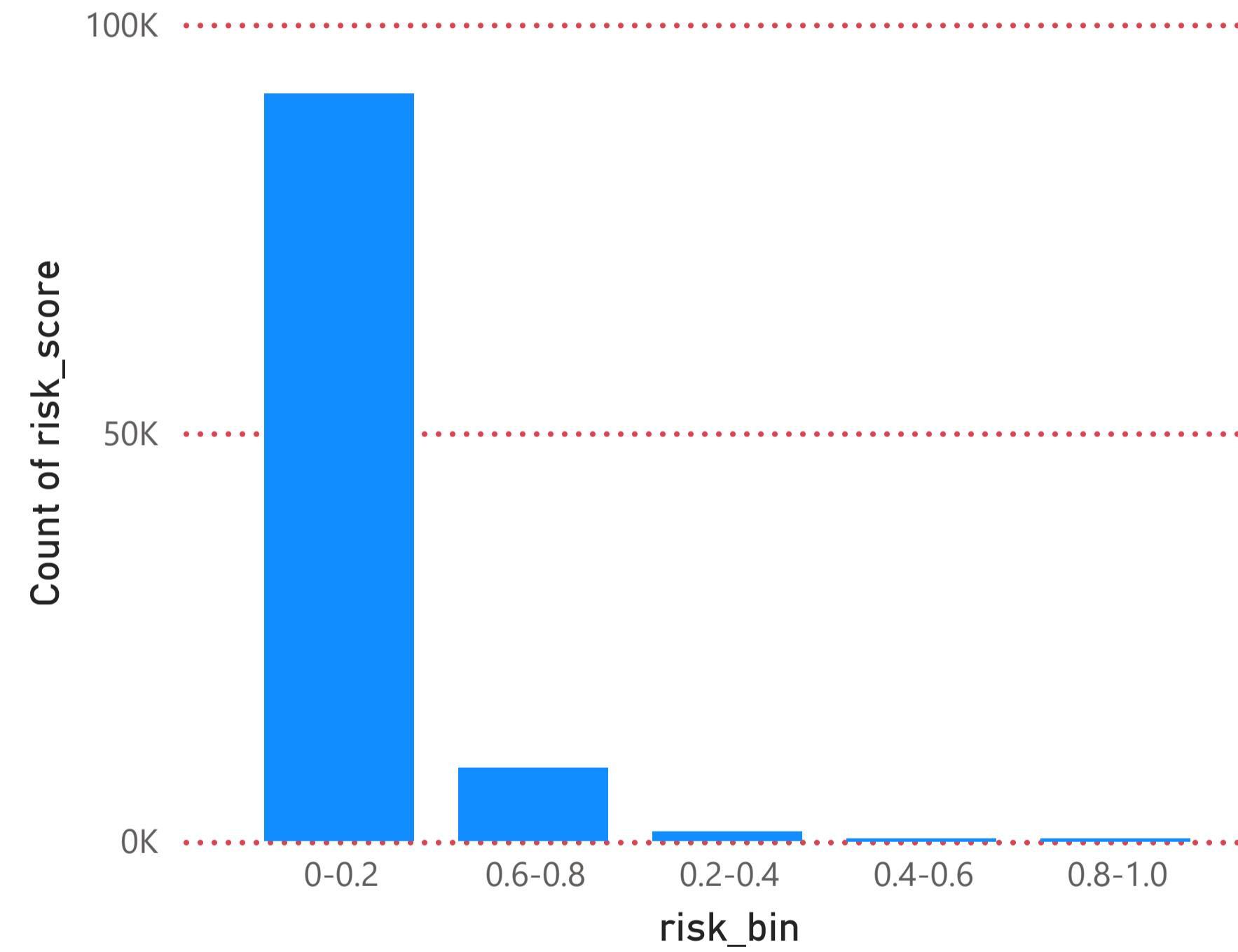
This dashboard presents a risk-based stratification framework for identifying patients at risk of 30-day readmission.

Approximately 11% of patients are readmitted within 30 days, highlighting a significant opportunity for targeted intervention.

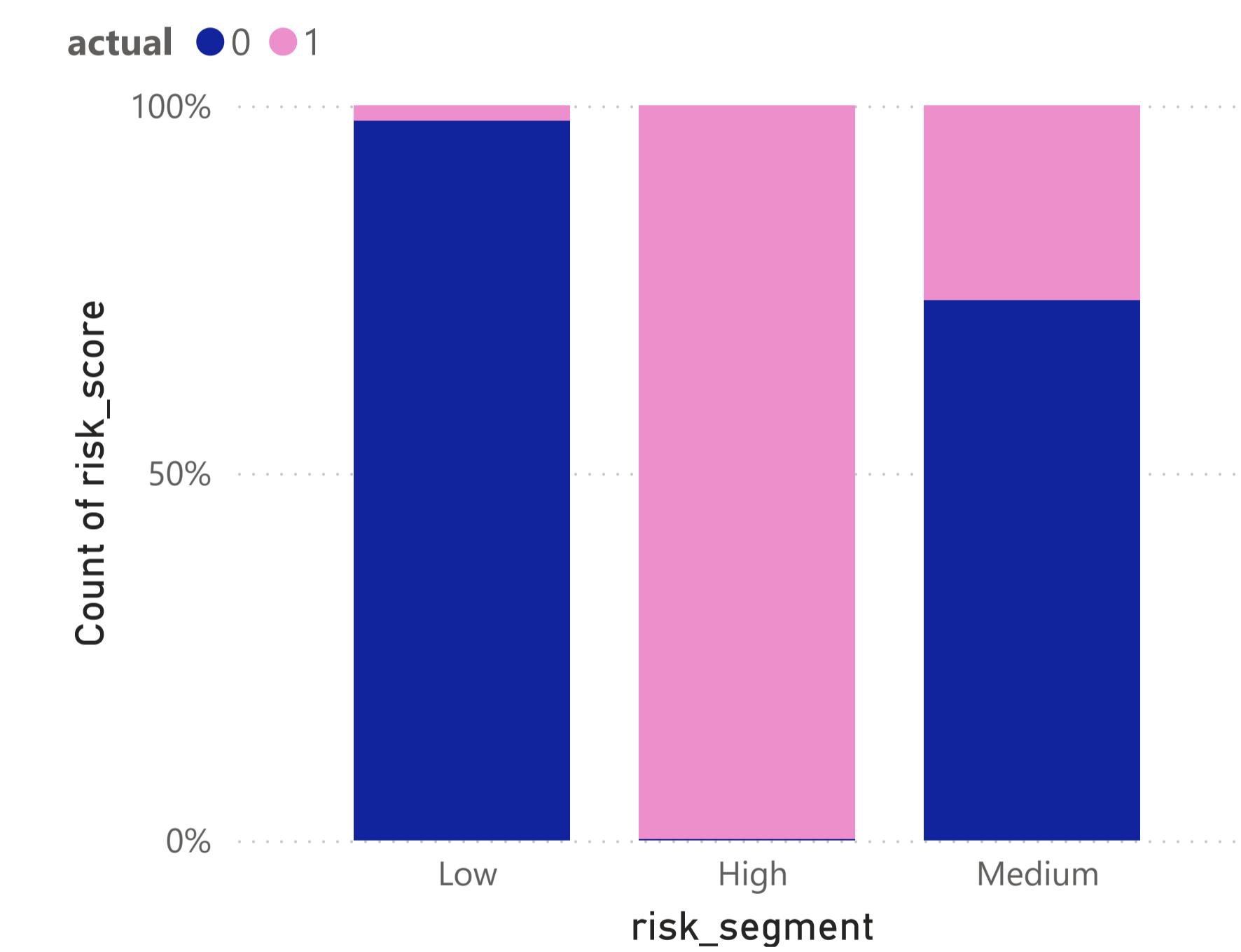
Risk scores enable segmentation of the population into actionable groups, supporting data-driven allocation of transitional care resources.

Risk Distribution

Risk Score Histogram



Risk Segment vs Actual



Although the majority of patients fall within the low-risk category, the proportion of actual readmissions increases significantly across higher risk segments.

This confirms that the model functions effectively as a risk ranking tool, supporting data-driven prioritization of high-risk patients.

Operational Impact

Recall Top 10% Measure

23.65 %

Recall Top10 (Test)

Net Savings

\$1.14M

Net Savings

A small proportion of patients account for a disproportionate share of readmissions.

Targeting the top 10% highest-risk patients captures nearly 24% of readmissions and yields over \$1M in projected savings, highlighting the strategic value of risk-based prioritization.