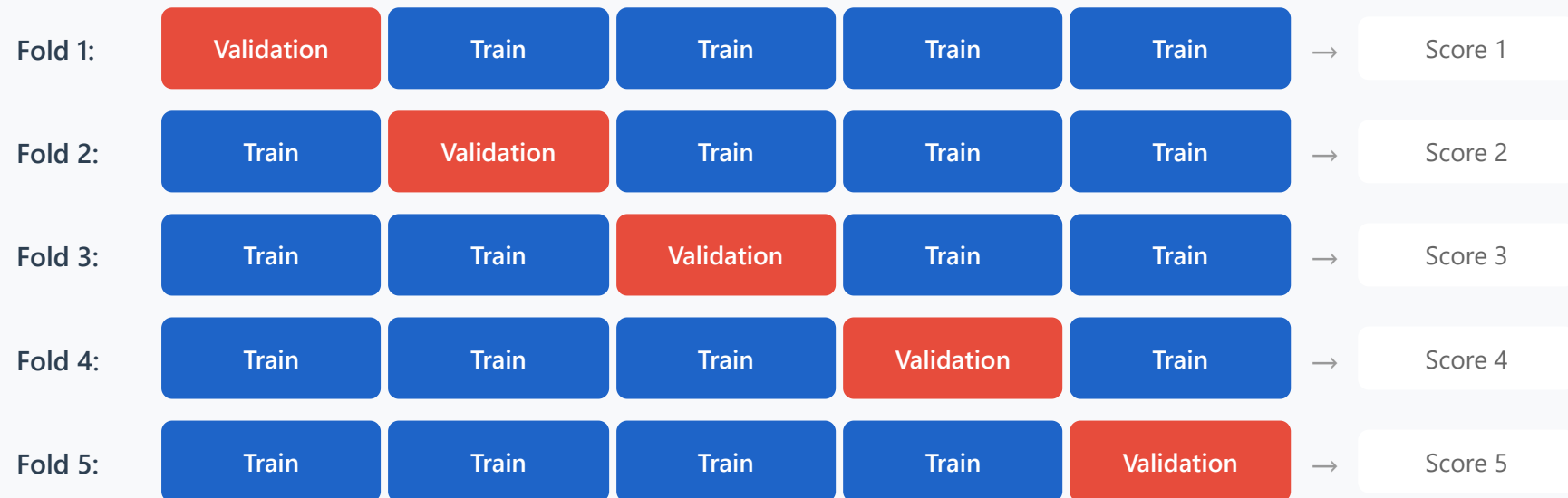


K-fold Cross Validation (K=5)

Validation Process



Final Score

$$\text{Mean} = \Sigma(\text{scores}) / K$$

Average performance across all K folds for robust estimate

Standard Deviation

$$\text{Std} = \sqrt{(\Sigma(\text{score} - \text{mean})^2 / K)}$$

Variance across folds indicates model stability

Key Benefits



Every sample used for both training
& validation



More reliable performance estimate



Reduces variance in evaluation