Horse Report Legend & Helper Guide

# Common Commands (Harvest / Train)

cd "$HOME/Desktop/SteveHorsesPro" && /usr/bin/python3 ledger\_reconcile.py

cd "$HOME/Desktop/SteveHorsesPro" && /usr/bin/python3 steve\_horses\_train.py --days-back 120

/usr/bin/python3 "$HOME/Desktop/SteveHorsesPro/steve\_horses\_train.py" --harvest-dates 2025-06-01 2025-06-02 --harvest-only

cd "$HOME/Desktop/SteveHorsesPro" && /usr/bin/python3 steve\_horses\_train.py --train-only --days-back 120

echo "export RACINGAPI\_USER=..." >> ~/.zshrc

echo "export RACINGAPI\_PASS=..." >> ~/.zshrc

source ~/.zshrc

cd "$HOME/Desktop/SteveHorsesPro" && python3 check\_overlap.py

cd ~/Desktop/SteveHorsesPro && /usr/bin/python3 steve\_horses\_train.py --days-back 0 --backfill 7 --min-rows 300

cd "$HOME/Desktop/SteveHorsesPro" && /usr/bin/python3 steve\_horses\_train.py --days-back 120 --harvest-only --all-tracks --min-rows 50

cd "$HOME/Desktop/SteveHorsesPro" && /usr/bin/python3 steve\_horses\_train.py --train-only

cd ~/Desktop/SteveHorsesPro && /usr/bin/python3 steve\_horses\_train.py --days-back 90 --backfill 90 --harvest-only

cd ~/Desktop/SteveHorsesPro && /usr/bin/python3 steve\_horses\_train.py --train-only --min-rows 500

cd ~/Desktop/SteveHorsesPro && /usr/bin/python3 steve\_horses\_train.py --harvest-dates 2025-09-01,2025-09-02,2025-09-03

# Program Overview

This is a professional, automated handicapping system for horse racing. It pulls data from a racing API, builds a statistical model to estimate true win chances, and produces actionable betting reports with bankroll management built-in.

• Pulls official race data from the Racing API (entries, results, odds, scratches, equipment, etc.).

• Builds a logistic regression model trained on past races.

• Groups races by track, surface, and distance bucket.

• Calibrates predictions so percentages behave realistically over time.

• Generates HTML reports with betting recommendations.

• Uses Kelly betting with caps for bankroll safety.

• Tags bets as PRIME (highest confidence) or ACTION (opportunistic).

• Handles failures gracefully (fallbacks to last good report).

# How to Read the HTML Report

Columns include:

• Race – Race number.

• # – Program number (saddlecloth).

• Horse – Name of the horse.

• Win% – Model’s final estimated chance to win.

• Market% – Market’s implied probability from odds.

• Edge – Model Win% minus Market%. Positive means value.

• Fair – Odds implied by the model’s Win%.

• Min Price – Minimum odds required to place a bet safely.

• Market – Current market odds.

• Bet – Suggested dollar amount based on bankroll rules.

• Flags – PRIME/ACTION, confidence tags, and pace hints.

# Extra Notes

SpeedForm, ClassΔ, and Bias are breakdowns of how each horse compares to par (average expected) values at today’s distance/surface.  
• SpeedForm – Measures recent speed relative to par.  
• ClassΔ – Measures class level relative to par.  
• Bias – Captures post position/surface/distance tendencies.