

# TrackSmart AI: Cumulative Performance Report

Reporting Period: December 18, 2025 – April 10, 2026

## 1. Executive Summary: April 10 Update

- Exceptional Accuracy & Overlay Hunting (Oaklawn & Keeneland):** The algorithm had a dominant day at Oaklawn, identifying 9 of 10 winners (90% Top 4 strike rate) by beautifully diagnosing the rail and speed biases. At Keeneland, the AI maintained an 80% strike rate while successfully pinpointing massive overlays, correctly nailing Free Advice (\$32.88) and G1 winner Zulu Kingdom (\$12.08) as top selections.
- Chalky Conditions & Automated Scratch Protocols (Gulfstream, Aqueduct & Tampa Bay):** Across several formful cards, the model consistently captured logical winners. The automated scratch adjustment rules performed flawlessly, elevating underlying contenders to save tickets in three separate races across Gulfstream and Aqueduct. At Tampa Bay, bottom-level claiming volatility led to missed longshots, though the AI's Top Pick managed to finish exactly 2nd in all three of those chaos results.
- Cumulative Statistics:** Across the 46-race slate on April 10, the AI added 37 total Top 4 hits (an 80.4% daily strike rate). The overall cumulative Top 4 Strike Rate saw a positive upward tick to **79.7%** (1,994 hits / 2,503 races). The cumulative average payout remained stable at **~\$8.17**, sustained by the AI catching a balance of short-priced logicals and double-digit overlays.

## 2. Daily Performance Breakdown

(Note: Data prior to April 10 is consolidated as "Prev. Totals")

Date	Track	Top 4 Strike Rate	Total Races	1st Pick	2nd Pick	3rd Pick	4th Pick	Avg Payout (AI Hits)
Prev. Totals	ALL	79.6%	2,457	756	512	400	289	~\$8.17
Apr 10	Aqueduct	75.0%	8	1	4	1	0	\$5.81
Apr 10	Gulfstream Park	88.9%	9	3	2	2	1	\$7.10
Apr 10	Keeneland	80.0%	10	3	4	1	0	\$13.71
Apr 10	Oaklawn Park	90.0%	10	3	2	3	1	\$7.20
Apr 10	Tampa Bay	66.7%	9	3	1	1	1	\$6.43
NEW TOTALS	ALL	79.7%	2,503	769	525	408	292	~\$8.17

## 3. Winner Distribution by Rank (Cumulative)

AI Rank	Wins	Trend Note
Top Pick (#1)	769	<b>Alpha &amp; Adjustments:</b> Added <b>13 wins</b> yesterday. Highly effective at locking down heavy probabilities (Opera de Ravel, Capital Connection) while snagging brilliant overlays like Free Advice (\$32.88) and Zulu Kingdom at Keeneland.
2nd (#2)	525	<b>The Danger Rank:</b> Added <b>13 wins</b> . Excellent day isolating secondary value when early speed held better than expected. Automated scratch elevations perfectly promoted horses into this slot to catch winners at Aqueduct and Gulfstream.
3rd (#3)	408	<b>Value Stalker:</b> Added <b>8 wins</b> . Consistently found value plays capitalizing on inside draws and rail advantages, highlighted by Rebel Ridge and Hymn at Oaklawn.

4th (#4)	292	<b>Chaos Catcher:</b> Added 3 wins. Handled necessary fringe protection, catching minor chaos winners like Vino's Valentine at Gulfstream and Vintage Cowboy at Oaklawn.
----------	-----	--

#### 4. Cumulative Statistics Summary

Metric	Stat	Description
Overall Accuracy	79.7%	<b>(1,994 / 2,503 Races)</b> Model's winner is in Top 4 selections across all conditions. The percentage saw a slight increase driven by highly accurate 90% and 88.9% hit rates at Oaklawn and Gulfstream Park.
Top 2 Accuracy	51.7%	<b>(1,294 / 2,503 Races)</b> Primary or secondary choice wins account for over half of all races tracked. Tick up driven by 26 combined Top 2 hits on April 10, fueled by excellent chalk-protection and scratch elevation execution.

#### 5. Missed Winner Analysis (April 10 Key Takeaways)

- Pace Meltdown Thresholds vs. Tactical Speed (Aqueduct & Oaklawn):** The AI anticipated volatile pace meltdowns that failed to materialize, heavily penalizing tactical mid-pack stalkers (missing Holus Bolus at OP) and early front-runners (missing Solutions at AQU).
  - Correction:* Implement a "Favorite Protection" safeguard for Maiden Claiming sprints when a horse possesses clear early speed against largely unproven or chaotic fields. Additionally, tighten the "pace meltdown" triggers in routes when the front-runners lack extreme class.
- Declining Form & Trainer Blindspots in Bottom Claimers (Tampa Bay & Gulfstream):** The AI harshly relegated several horses to the Non-Contender tier due to declining speed figures or low-percentage trainers, completely missing massive chaos winners like Utopia Rose (\$58.20), Royally Blue (\$53.20), and Countless Dreams (\$26.80).
  - Correction:* Soften the strict numerical penalty on declining figures and low-percentage trainers for horses dropping into basement (\$5k-\$8k) claiming or starter conditions—particularly if the horse draws the rail, has proven tactical speed, or possesses back-class veteran figures.
- 3-Year-Old Layoff Maturation (Keeneland):** The AI completely dismissed Ring Curl (\$93.00) in a Maiden Special Weight, locking her into a low baseline TPN (60) based entirely on her juvenile performances.
  - Correction:* Implement an increased volatility multiplier and loosen baseline speed requirements for lightly-raced 3-year-olds returning off a 90+ day layoff to account for massive physical maturation.
- Zero-Percent Trainer Penalties vs. Track Bias (Keeneland):** The AI marked Arthur Jr. as a Non-Contender, over-penalizing an 0% trainer statistic. Left unquestioned, the horse capitalized on an 81% track speed bias and won easily wire-to-wire.
  - Correction:* Reduce the negative penalty threshold for 0% trainers when the horse draws the inside post on heavily biased speed tracks.