

1. Executive Summary: March 1 Update

- Sunday Surge:** The model tracked an additional 71 races across 8 tracks on Sunday, March 1, bringing the cumulative tracking total to **1,163 races**.
- Elite Daily Performance:** March 1 was one of the strongest days on record, with the AI achieving a daily **Top 4 Strike Rate of 83.1%** (59 hits / 71 races). The model was nearly perfect at Fair Grounds, Tampa Bay, and Fonner Park (all 87.5%) and achieved an 81.8% hit rate at both Gulfstream and Oaklawn.
- Massive Value at Santa Anita:** While the strike rate at Santa Anita was solid (77.8%), the ROI was astronomical. The AI successfully identified *Violences Ohr* (\$54.00) as its 2nd choice in Race 6, driving the day's average payout at SA to \$12.80.
- Cumulative Growth:** The cumulative Top 4 Strike Rate ticked up to **78.4%** (912 hits / 1,163 races). The overall cumulative average payout held steady at **~\$8.43**.

2. Daily Performance Breakdown

(Note: Data prior to March 1 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	78.1%	1,092	324	233	170	126	~\$8.42
Mar 1	Aqueduct	87.5%	8	2	4	0	1	\$6.95
Mar 1	Fair Grounds	87.5%	8	4	1	2	0	\$4.63
Mar 1	Fonner Park	87.5%	8	3	1	1	2	\$8.31
Mar 1	Gulfstream	81.8%	11	3	1	2	3	\$9.38
Mar 1	Laurel Park	75.0%	8	1	3	1	1	\$11.93
Mar 1	Oaklawn	81.8%	11	6	2	1	0	\$6.82
Mar 1	Santa Anita	77.8%	9	1	5	1	0	\$12.80
Mar 1	Tampa Bay	87.5%	8	3	2	2	0	\$8.20
NEW TOTALS	ALL	78.4%	1,163	347	252	180	133	~\$8.43

3. Winner Distribution by Rank (Cumulative)

AI Rank	Wins	Trend Note
Top Pick (#1)	347	Dominant Pace Analysis: Added 23 wins on Sunday. The primary algorithm was lethal at Oaklawn (6 wins) and Fair Grounds (4 wins), successfully identifying lone speed and class droppers.

2nd Selection	252	The Value Rank: Added 19 wins . This rank provided the biggest score of the weekend, capturing the \$54.00 winner at Santa Anita and providing excellent coverage at Aqueduct (4 wins).
3rd Selection	180	Exotic Stabilizer: Added 10 wins . Continued to act as a safety net for chaotic races, snagging mid-priced winners at Gulfstream and Tampa Bay.
4th Selection	133	Chaos Catcher: Added 7 wins . Proved essential at Gulfstream and Fonner Park, catching several winners in the \$10-\$15 range that fell outside standard speed figures.

4. Cumulative Statistics Summary

Metric	Stat	Description
Overall Accuracy	78.4%	(912 / 1,163 Races) Model's winner in Top 4 selections across all conditions.
Top 2 Accuracy	51.5%	(599 / 1,163 Races) Primary or secondary choice wins now account for well over half of all races tracked.

5. Missed Winner Analysis (March 1 Key Takeaways)

- **Santa Anita (Deep Closer Bias):** The model missed *Angelica Bay* (Race 7) by penalizing her "S" runstyle on a turf course favoring speed. However, the horse had the rail (Post 1). **Correction:** Soften deep closer penalties on turf when the horse has an inside post (1-3) to save ground.
- **Oaklawn (3YO Connections):** The AI missed two winners (Race 10 & 11) by favoring historical speed figures over elite connections (Cox/Ortiz, Pletcher) in 3-year-old prep races. **Correction:** Implement a "Connection Override" for Top 10 trainers in 3YO Maiden and Graded Stakes routes to weigh potential improvement higher than past speed figures.
- **Fair Grounds & Laurel (Rail Bias):** Missed winners in sprint races at both tracks due to an undervaluation of the absolute rail (Post 1). **Correction:** In sprints with an Inside Impact Value >1.30, any horse with "Prime Power" status or manageable speed figures drawing Post 1 must be elevated to Top 4.
- **Gulfstream (Layoff Protocols):** The AI tossed *Brushfire* (Race 1) due to a 180+ day layoff without a bullet work. **Correction:** Reduce layoff penalties for "Super Trainers" (like Saffie Joseph Jr.) who statistically excel with fresh horses, regardless of workout times.