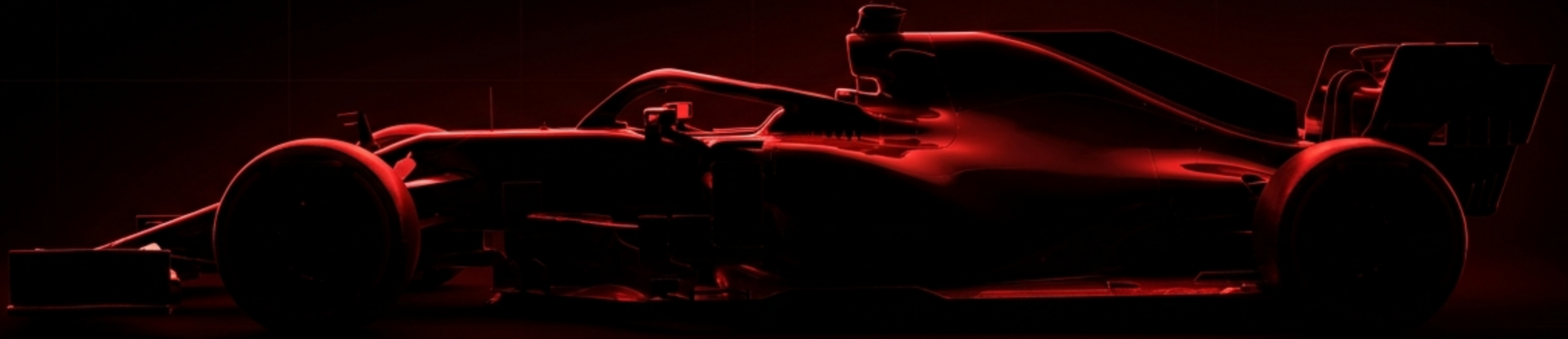


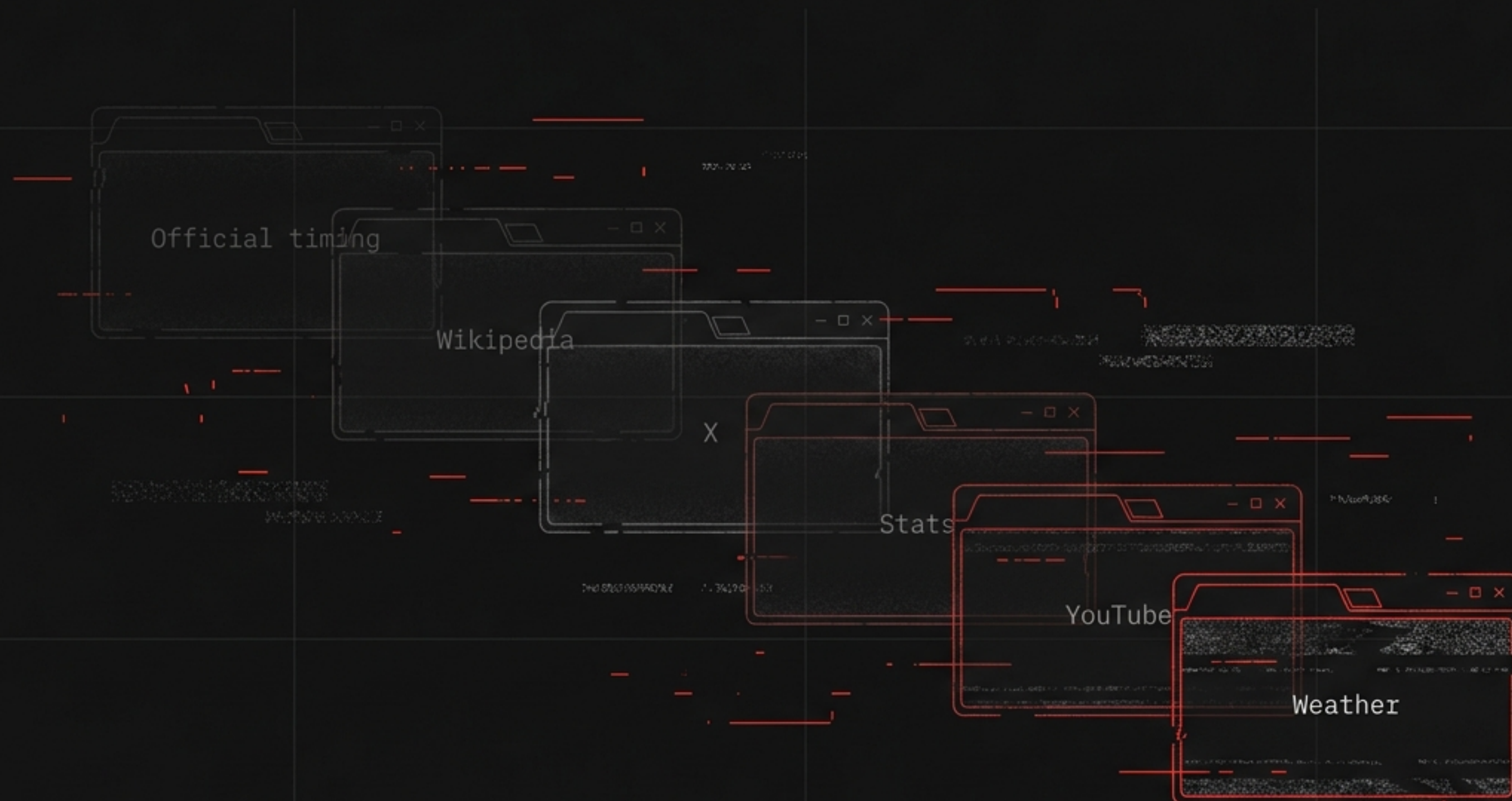
>_

APEX

Every lap. Every era. One tab.



A real F1 fan runs six tabs.



Apex is the one tab.

[LIVE TIMING]

[75-YEAR ARCHIVE]

[MULTI-SOURCE NEWS]

[AI CONTEXT]

>_ One cinematic surface. Live now, 75 years back, news, and AI context.

Unifying the Ecosystem

	The Status Quo	Apex
Live Timing	Walled garden	> OpenF1 Server-Sent Events
Historical Context	Paywalled & slow	Local 1950-2026 Archive
News Feed	Algorithmic noise	5 Deduplicated Sources
AI Intelligence	Hallucinates	Grounded Truth Only
Infrastructure Cost	Expensive	\$0/Month Free Tier

The race, streamed to your browser.

[Live]

[Sub-second frames]

[Real-time positions & intervals]



[WEATHER RADAR: HEAVY RAIN]

VER	+1.243	
HAM	+3.011	
LEC	+5.422	
NOR	+8.105	
SAI	+10.334	
RUS	+12.567	
ALO	+15.123	
PIA	+18.789	
GAS	+22.001	
STR	+25.345	

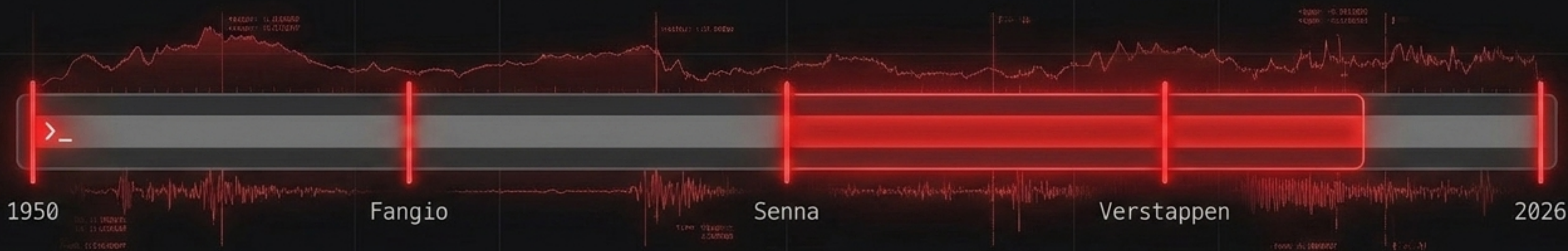
Every lap since 1950. On one machine.

592,281
LAPS

1,171
RACES

77
SEASONS

696,253
TOTAL ROWS



Every race, result, qualifying lap, pit stop,
and lap-by-lap time. One query away.

The paddock feed, without the noise.

News River



5 deduplicated sources.
No synthetic filler.

Video Hub



Embedded, never rehosted.

Reddit Pulse



Live community pulse.

Plus a race-week newsletter powered by Resend, and per-race weather from Open-Meteo.

AI that refuses to lie.

- > MODEL: Llama 3.3 70B
- > INFERENCE: Groq Dedicated Hardware
- > FALLBACK: Hugging Face

Sub-second, two-sentence dossiers and race briefs. Fed only real career statistics. Told never to invent.

Andrea Kimi Antonelli

F1 ACADEMY CHAMPION

Andrea Kimi Antonelli, the 2023 Formula Regional European Champion, joins PREMA Racing for the 2024 FIA Formula 2 Championship. The 17-year-old Mercedes Junior Team driver aims for a rapid ascent to Formula 1. >_█

Empty beats fake.

```
2023          5
          P1  23
P1    0          264
      FASTEST LAP  1
      .  1:25.456
POINTS: 25          1
DRIVER: VER          0
      212          0  8
      0          3.0
```

Raw statistical data
from Jolpica/Ergast

**STRICT CONTEXT
CONSTRAINTS:**
Use **ONLY**
supplied facts

```
[DRIVER NAME]
=====
SEASON: [YEAR]
WINS: [NUMBER]
PODIUMS: [NUMBER]
TEAM: [TEAM NAME]
=====
```

Groq + Llama 3.3
processing into the UI

```
if (data.fails) { return empty; } else { return verified; }
```

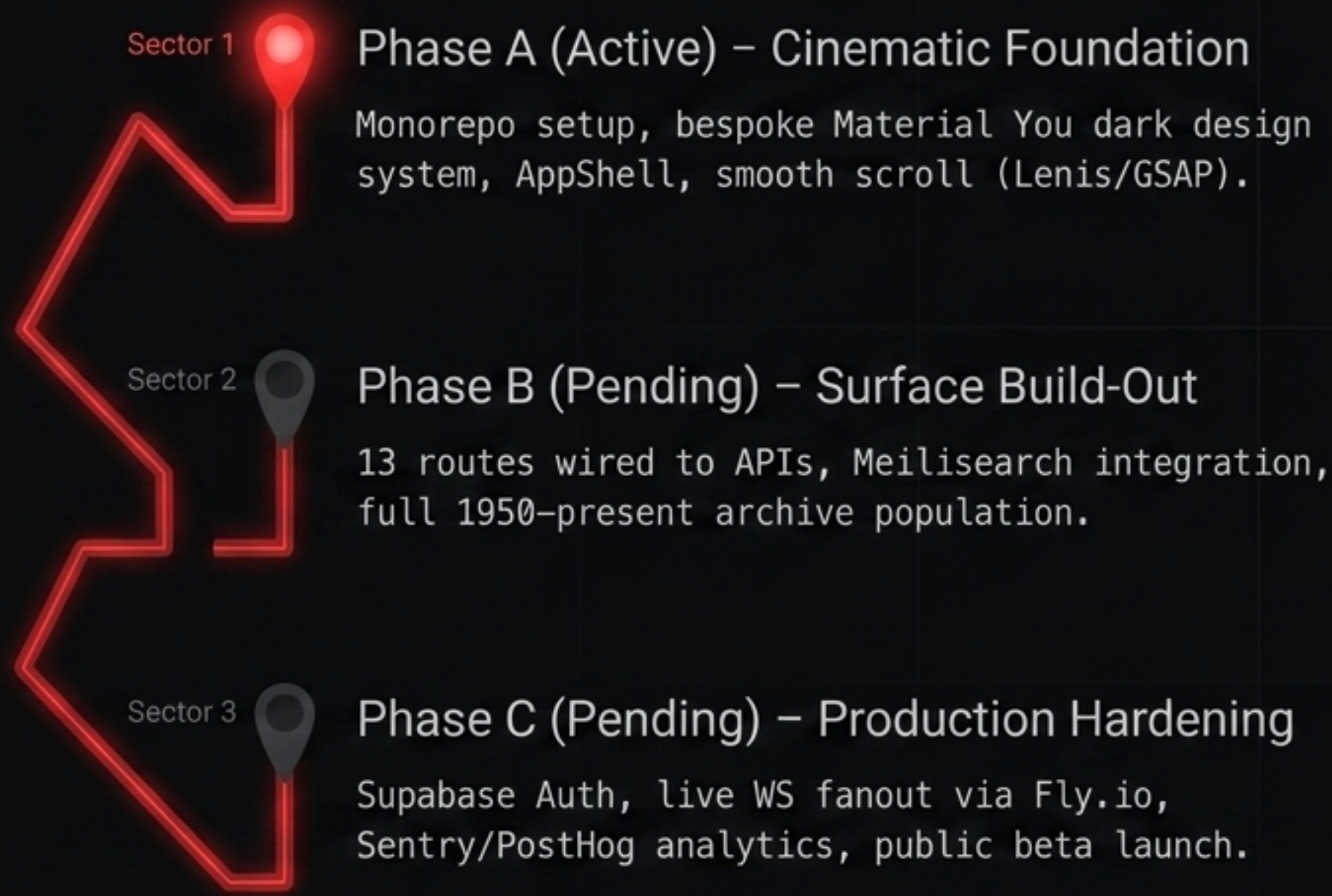
The core rule: AI enriches, it never fabricates F1 facts.

Enterprise-grade under the hood.



Hardened: Row-level security, auth-gated admin, rate limiting, and strict CSP.

The blueprint for a unified fan platform.



[SEC_MAP_NEUT_POS]

[SEC_MAP_NEUT_POS]
x:1824 y:576

[SEC_MAP_NEUT_POS]
x:1824 y:576

[SEC_MAP_NEUT_POS]
x:1824 y:575

No fake data. Ever.

If a number is on Apex, it is real, or the screen stays empty.
Every client returns empty on failure rather than making something up. The entire 1950–2026 archive was pulled locally at 3 AM, fighting rate limits, just to prove it.

Built by fans, for fans. Solo.

One person. One obsession.

Grew up on the Max and Lewis era. 2021 broke my heart and hooked me for life. The sport, the strategy, the history—something clicked.

I built the F1 product I always wished existed. Every table, every pixel. ■

OPERATING COST: Zero Rupees/Month

Machine learning on 75 years of truth.



Real machine learning on top of the cleanest F1 archive ever built.
Something nobody has built before.

APEX

apex-f1-five.vercel.app

Real-time F1. 75 seasons. One tab.