

User



Request Stint Visualization

System

Retrieve Selected Drivers

Fetch Stint Data for each driver from F1 API

Yes

Stint Data Available

No

Display Error Message
"No Stint Data Available"

Parse Stint Information
(Start Lap, End Lap, Compound)

Map tyre Compounds to Colors
(Soft = Red, Medium = Yellow, Hard = White)

Analyze Tyre Strategies
Compare Pit Stop timing
and Compound Choices

Generate Stint Visualizations

Render Visualizations on Screen