

1. Optimize Circuit lookup in sp_GetTopDriversByCircuit

```
CREATE NONCLUSTERED INDEX IX_CIRCUIT_Name  
ON CIRCUIT (Name)  
INCLUDE (Circuit_ID);
```

2. Optimize Driver lookup and stats in sp_GetDriverFullStats

```
CREATE NONCLUSTERED INDEX IX_DRIVER_Name_Team  
ON DRIVER (Name)  
INCLUDE (Driver_ID, Nationality, Age, Team_ID);
```

3. Optimize Team name lookup in sp_GetTeamAndDriversSeasonPerformance

```
CREATE NONCLUSTERED INDEX IX_TEAM_Name  
ON TEAM (Team_Name)  
INCLUDE (Team_ID);
```

4. Optimize Season year lookup

```
CREATE NONCLUSTERED INDEX IX_SEASON_Year  
ON SEASON ([Year])  
INCLUDE (Season_ID);
```

5. Race table used for joins with Circuit and Season

```
CREATE NONCLUSTERED INDEX IX_RACE_Circuit_Season  
ON RACE (Circuit_ID, Season_ID)  
INCLUDE (Race_ID);
```

6. Race Results used in all stored procedures

```
CREATE NONCLUSTERED INDEX IX_RACE_RESULTS_Optimized  
ON RACE_RESULTS (Race_ID, Driver_ID)  
INCLUDE (Final_Position, Points_Scored, Fastest_Lap_Time, DNF_Status);
```

7. Penalties and Failures joined via Entry_ID

```
CREATE NONCLUSTERED INDEX IX_PENALTIES_EntryType  
ON PENALTIES (Entry_ID, Penalty_Type);
```

```
CREATE NONCLUSTERED INDEX IX_FAILURES_Entry  
ON FAILURES (Entry_ID, Failure_Type);
```

8. Race_Entry for joining penalties and failures

```
CREATE NONCLUSTERED INDEX IX_RACE_ENTRY_Driver  
ON RACE_ENTRY (Driver_ID)  
INCLUDE (Entry_ID);
```