formula_one.TeamChampionship

id	big_auto NN
session_id	foreign_key NN
team_id	foreign_key NN
year	small_integer NN
round_number	positive_small_integer NN
session_number	positive_small_integer NN
position	small_integer
points	float NN
win_count	small_integer NN
highest_finish	small_integer NN
is_eligible	boolean NN
adjustment_type	formula_one.positive_small_integer_teamchampionship_adjustment_type E
season_id	foreign_key
round_id	foreign_key

formula_one.DriverChampionship

id	big_auto NN
session_id	foreign_key NN
driver_id	foreign_key NN
year	small_integer NN
round_number	positive_small_integer NN
session_number	positive_small_integer NN
position	small_integer
points	float NN
win_count	small_integer NN
highest_finish	small_integer NN
is_eligible	boolean NN
adjustment_type	formula_one.positive_small_integer_driverchampionship_adjustment_type E
season_id	foreign_key
round_id	foreign_key

formula_one.PointSystem

id	big_auto NN
reference	char
name	char
driver_position_points	formula_one.positive_small_integer_pointsystem_driver_position_points E NN
driver_fastest_lap	formula_one.positive_small_integer_pointsystem_driver_fastest_lap E NN
team_position_points	formula_one.positive_small_integer_pointsystem_team_position_points E NN
team_fastest_lap	formula_one.positive_small_integer_pointsystem_team_fastest_lap E NN
partial	formula_one.positive_small_integer_pointsystem_partial E NN
shared_drive	formula_one.positive_small_integer_pointsystem_shared_drive E NN
is_double_points	boolean NN

formula_one.Circuit

id	big_auto NN
reference	char
name	char NN
locality	char
country	char
country_code	char
location	point
altitude	float
wikipedia	url

formula_one.ChampionshipSystem

id	big_auto NN
reference	char
name	char
eligibility	formula_one.positive_small_integer_championshipsystem_eligibility E NN
driver_season_split	formula_one.positive_small_integer_championshipsystem_driver_season_split E NN
driver_best_results	formula_one.small_integer_championshipsystem_driver_best_results E NN
team_season_split	formula_one.positive_small_integer_championshipsystem_team_season_split E NN
team_best_results	formula_one.small_integer_championshipsystem_team_best_results E NN

formula_one.Session

id	big_auto NN
round_id	foreign_key NN
number	positive_small_integer
point_system_id	foreign_key NN
type	formula_one.char_session_type E NN
date	date
time	time
scheduled_laps	positive_small_integer
is_cancelled	boolean NN

formula_one.Round

id	big_auto NN
season_id	foreign_key NN
circuit_id	foreign_key NN
number	positive_small_integer
name	char
date	date
race_number	positive_small_integer
wikipedia	url
is_cancelled	boolean NN

formula_one.Season

id	big_auto NN
championship_system_id	foreign_key
year	small_integer NN
wikipedia	url

formula_one.Driver

id	big_auto NN
reference	char
forename	char NN
surname	char NN
abbreviation	char
nationality	char
country_code	char
permanent_car_number	positive_small_integer
date_of_birth	date
wikipedia	url

formula_one.ChampionshipAdjustment

id	big_auto NN
season_id	foreign_key NN
driver_id	foreign_key
team_id	foreign_key
adjustment	formula_one.positive_small_integer_championshipadjustment_adjustment E NN
points	float

formula_one.PitStop

id	big_auto NN
session_entry_id	foreign_key NN
lap_id	one_to_one
number	positive_small_integer
duration	duration
local_timestamp	char

formula_one.Lap

id	big_auto NN
session_entry_id	foreign_key NN
number	positive_small_integer
position	positive_small_integer
time	duration
average_speed	float
is_entry_fastest_lap	boolean NN
is_deleted	boolean NN

formula_one.SessionEntry

id	big_auto NN
session_id	foreign_key NN
round_entry_id	foreign_key NN
position	positive_small_integer
is_classified	boolean
status	formula_one.positive_small_integer_sessionentry_status E
detail	char
points	float
is_eligible_for_points	boolean NN
grid	positive_small_integer
time	duration
fastest_lap_rank	positive_small_integer
laps_completed	positive_small_integer

formula_one.RoundEntry

id	big_auto NN
round_id	foreign_key NN
team_driver_id	foreign_key NN
car_number	positive_small_integer

formula_one.TeamDriver

id	big_auto NN
team_id	foreign_key NN
driver_id	foreign_key NN
season_id	foreign_key NN
role	formula_one.positive_small_integer_teamdriver_role E

formula_one.Team

id	big_auto NN
base_team_id	foreign_key
reference	char
name	char NN
nationality	char
country_code	char
wikipedia	url

formula_one.BaseTeam

id	big_auto NN
name	char

formula_one.Penalty

id	big_auto NN
earned_id	foreign_key
served_id	foreign_key
license_points	positive_small_integer
position	positive_small_integer
time	duration
is_time_served_in_pit	boolean

formula_one.TeamChampionship

column	type	
id	big_auto	NN
session_id	foreign_key	NN
team_id	foreign_key	NN
year	small_integer	NN
round_number	positive_small_integer	NN
session_number	positive_small_integer	NN
position	small_integer	
points	float	NN
win_count	small_integer	NN
highest_finish	small_integer	
is_eligible	boolean	NN
adjustment_type	formula_one.positive_small_integer_teamchampionship_adjustment_type	E
season_id	foreign_key	
round_id	foreign_key	

formula_one.DriverChampionship

column	type	
id	big_auto	NN
session_id	foreign_key	NN
driver_id	foreign_key	NN
year	small_integer	NN
round_number	positive_small_integer	NN
session_number	positive_small_integer	NN
position	small_integer	
points	float	NN
win_count	small_integer	NN
highest_finish	small_integer	
is_eligible	boolean	NN
adjustment_type	formula_one.positive_small_integer_driverchampionship_adjustment_type	E NN
season_id	foreign_key	
round_id	foreign_key	

formula_one.PointSystem

column	type	
id	big_auto	NN
reference	char	
name	char	
driver_position_points	formula_one.positive_small_integer_pointsystem_driver_position_points	E
driver_fastest_lap	formula_one.positive_small_integer_pointsystem_driver_fastest_lap	E
team_position_points	formula_one.positive_small_integer_pointsystem_team_position_points	E
team_fastest_lap	formula_one.positive_small_integer_pointsystem_team_fastest_lap	E
partial	formula_one.positive_small_integer_pointsystem_partial	E
shared_drive	formula_one.positive_small_integer_pointsystem_shared_drive	E
is_double_points	boolean	

formula_one.Circuit

column	type	
id	big_auto	NN
reference	char	
name	char	NN
locality	char	
country	char	
country_code	char	
location	point	
altitude	float	
wikipedia	url	

formula_one.ChampionshipSystem

column	type	
id	big_auto	NN
reference	char	
name	char	
eligibility	formula_one.positive_small_integer_championshipsystem_eligibility	E NN
driver_season_split	formula_one.positive_small_integer_championshipsystem_driver_season_split	E NN
driver_best_results	formula_one.positive_small_integer_championshipsystem_driver_best_results	E NN
team_season_split	formula_one.positive_small_integer_championshipsystem_team_season_split	E NN
team_best_results	formula_one.small_integer_championshipsystem_team_best_results	E NN

formula_one.Session

column	type	
id	big_auto	NN
round_id	foreign_key	NN
number	positive_small_integer	
point_system_id	foreign_key	NN
type	formula_one.char_session_type	E NN
date	date	
time	time	
scheduled_laps	positive_small_integer	
is_cancelled	boolean	NN

formula_one.Round

column	type	
id	big_auto	NN
season_id	foreign_key	NN
circuit_id	foreign_key	NN
number	positive_small_integer	
name	char	
date	date	
race_number	positive_small_integer	
wikipedia	url	
is_cancelled	boolean	NN

formula_one.Season

column	type	
id	big_auto	NN
championship_system_id	foreign_key	NN
year	small_integer	NN
wikipedia	url	

formula_one.Driver

column	type	
id	big_auto	NN
reference	char	
forename	char	NN
surname	char	NN
abbreviation	char	
nationality	char	
country_code	char	
permanent_car_number	positive_small_integer	
date_of_birth	date	
wikipedia	url	

formula_one.ChampionshipAdjustment

column	type	
id	big_auto	NN
season_id	foreign_key	NN
driver_id	foreign_key	
team_id	foreign_key	
adjustment	formula_one.positive_small_integer_championshipadjustment_adjustment	E NN
points	float	

formula_one.PitStop

column	type	
id	big_auto	NN
session_entry_id	foreign_key	NN
lap_id	one_to_one	
number	positive_small_integer	
duration	duration	
local_timestamp	char	

formula_one.Lap

column	type	
id	big_auto	NN
session_entry_id	foreign_key	NN
number	positive_small_integer	
position	positive_small_integer	
time	duration	
average_speed	float	
is_entry_fastest_lap	boolean	NN
is_deleted	boolean	NN

formula_one.SessionEntry

column	type	
id	big_auto	NN
session_id	foreign_key	NN
round_entry_id	foreign_key	NN
position	positive_small_integer	
is_classified	boolean	
status	formula_one.positive_small_integer_sessionentry_status	E
detail	char	
points	float	
is_eligible_for_points	boolean	NN
grid	positive_small_integer	
time	duration	
fastest_lap_rank	positive_small_integer	
laps_completed	positive_small_integer	

formula_one.RoundEntry

column	type	
id	big_auto	NN
round_id	foreign_key	NN
team_driver_id	foreign_key	NN
car_number	positive_small_integer	

formula_one.TeamDriver

column	type	
id	big_auto	NN
team_id	foreign_key	NN
driver_id	foreign_key	NN
season_id	foreign_key	NN
role	formula_one.positive_small_integer_teamdriver_role	E

formula_one.Team

column	type	
id	big_auto	NN
base_team_id	foreign_key	
reference	char	
name	char	NN
nationality	char	
country_code	char	
wikipedia	url	

formula_one.BaseTeam

column	type	
id	big_auto	NN
name	char	

formula_one.Penalty

column	type	
id	big_auto	NN
earned_id	foreign_key	
served_id	foreign_key	
license_points	positive_small_integer	
position	positive_small_integer	
time	duration	
is_time_served_in_pit	boolean	

```
Enum formula_one.char_session_type {
    R [note: "Race"]
    Q1 [note: "Qualifying One"]
    Q2 [note: "Qualifying Two"]
    Q3 [note: "Qualifying Three"]
    QA [note: "Qualifying Avg"]
    QO [note: "Qualifying Order"]
    QB [note: "Qualifying Best"]
    FP1 [note: "Practice One"]
    FP2 [note: "Practice Two"]
    FP3 [note: "Practice Three"]
    PQ [note: "Prequalifying"]
    SR [note: "Sprint Race"]
    SQ1 [note: "Sprint Qualifying1"]
    SQ2 [note: "Sprint Qualifying2"]
    SQ3 [note: "Sprint Qualifying3"]
}


Enum formula_one.positive_small_integer_championshipadjustment_adjustment {
    0 [note: "None"]
    1 [note: "Point Deduction"]
    101 [note: "Disqualified"]
    102 [note: "Excluded"]
}


Enum formula_one.positive_small_integer_championshipsystem_driver_season_split {
    0 [note: "Season is not split"]
    2 [note: "Split in halves (remainder in first half)"]
    3 [note: "Split in halves (remainder in second half)"]
}


Enum formula_one.positive_small_integer_championshipsystem_eligibility {
    1 [note: "Entry must score at least 1 championship point"]
    2 [note: "Entry must have a classified finish in at least 1 round"]
}


Enum formula_one.positive_small_integer_championshipsystem_team_season_split {
    0 [note: "Season is not split"]
    2 [note: "Split in halves (remainder in first half)"]
    3 [note: "Split in halves (remainder in second half)"]
}


Enum formula_one.positive_small_integer_driverchampionship_adjustment_type {
    0 [note: "None"]
    1 [note: "Point Deduction"]
    101 [note: "Disqualified"]
    102 [note: "Excluded"]
}


Enum formula_one.positive_small_integer_pointsystem_driver_fastest_lap {
    0 [note: "No Fastest Lap Point"]
    1 [note: "Point for Fastest Lap"]
    2 [note: "Point divided between all who got fastest lap"]
    3 [note: "Point if in top 10"]
    4 [note: "Point if top 10, and >50% race distance"]
}
```

```
Enum formula_one.positive_small_integer_pointsystem_driver_position_points {
    0 [note: "No Points Awarded"]
    1 [note: "1950 - Top 5 get upto 8 points"]
    2 [note: "1960 - Top 6 get upto 8 points"]
    3 [note: "1961 - Top 6 get upto 9 points"]
    5 [note: "1991 - Top 6 get upto 10 points"]
    6 [note: "2003 - Top 8 get upto 10 points"]
    7 [note: "2010 - Top 10 get upto 25 points"]
    21 [note: "Sprint 2021 - Top 3 get upto 3 points"]
    22 [note: "Sprint 2022 - Top 8 get upto 8 points"]
}

Enum formula_one.positive_small_integer_pointsystem_team_position_points {
    0 [note: "No Points Awarded"]
    1 [note: "1950 - Top 5 get upto 8 points"]
    2 [note: "1960 - Top 6 get upto 8 points"]
    3 [note: "1961 - Top 6 get upto 9 points"]
    5 [note: "1991 - Top 6 get upto 10 points"]
    6 [note: "2003 - Top 8 get upto 10 points"]
    7 [note: "2010 - Top 10 get upto 25 points"]
    21 [note: "Sprint 2021 - Top 3 get upto 3 points"]
    22 [note: "Sprint 2022 - Top 8 get upto 8 points"]
}

Enum formula_one.positive_small_integer_pointsystem_partial {
    0 [note: "No Partial Points"]
    1 [note: "Half Points between 30% - 60%"]
    2 [note: "Half Points between 2 Laps - 75%"]
    3 [note: "Red Flag Finish, 1-4 Quarters (rounded) of points, minimum 2 laps."]
    4 [note: "1-4 Quarters (rounded) of points, minimum 2 laps"]
}

Enum formula_one.positive_small_integer_sessionentry_status {
    0 [note: "Finished"]
    1 [note: "Car Finished Lap(s) behind Leader"]
    10 [note: "Accident, Collision or Driver Error on Track"]
    11 [note: "Mechanial, Safety or Other Retirement"]
    20 [note: "Disqualified"]
    30 [note: "Withdrawn or Did Not Start"]
    40 [note: "Did Not Qualify"]
    41 [note: "Did Not Prequalify"]
}

Enum formula_one.positive_small_integer_pointsystem_shared_drive {
    0 [note: "No Points"]
    1 [note: "Points Shared Equally"]
    2 [note: "Shared Points of all drives, unless insuffcent distance"]
    3 [note: "Shared Points of highest finish"]
}

Enum formula_one.positive_small_integer_teamchampionship_adjustment_type {
    0 [note: "None"]
    1 [note: "Point Deduction"]
    101 [note: "Disqualified"]
    102 [note: "Excluded"]
}

Enum formula_one.positive_small_integer_pointsystem_team_fastest_lap {
    0 [note: "No Fastest Lap Point"]
    1 [note: "Point for Fastest Lap"]
    2 [note: "Point divided between all who got fastest lap"]
    3 [note: "Point if in top 10"]
    4 [note: "Point if top 10, and >50% race distance"]
}
```

```
Enum formula_one.positive_small_integer_teamdriver_role {
    0 [note: "Permanent"]
    1 [note: "Reserve"]
    2 [note: "Junior"]
}


Enum formula_one.small_integer_championshipsystem_driver_best_results {
    -2 [note: "One less than total races per split"]
    -1 [note: "All results are counted"]
    0 [note: "No results are counted"]
    4 [note: "Four"]
    5 [note: "Five"]
    6 [note: "Six"]
    7 [note: "Seven"]
    8 [note: "Eight"]
    11 [note: "Eleven"]
}


Enum formula_one.small_integer_championshipsystem_team_best_results {
    -2 [note: "One less than total races per split"]
    -1 [note: "All results are counted"]
    0 [note: "No results are counted"]
    4 [note: "Four"]
    5 [note: "Five"]
    6 [note: "Six"]
    7 [note: "Seven"]
    8 [note: "Eight"]
    11 [note: "Eleven"]
}
```