Package ‘nascaR.data’

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Title NASCAR Race Data
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Description A collection of NASCAR race, driver, owner and manufacturer data across the three major NASCAR divisions: NASCAR Cup Series, NASCAR Xfinity Series, and NASCAR Craftsman Truck Series. The curated data begins with the 1949 season and extends through the end of the 2023 season. Data was sourced with permission from DriverAverages.com.
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Description

A collection of career statistics for drivers in the NASCAR Cup Series. The data includes career averages and totals for various performance metrics.

Usage

cup_driver_career

Format

A data frame with 2,973 rows and 23 variables:

- **driver** chr: Driver’s name
- **career_races** num: Total number of races driven in their career
- **career_wins** num: Total number of wins in their career
- **career_win_pct** num: Win percentage for their career
- **career_top_5** num: Total number of top 5 finishes in their career
- **career_top_5_pct** num: Percentage of top 5 finishes in their career
- **career_top_10** num: Total number of top 10 finishes in their career
- **career_top_10_pct** num: Percentage of top 10 finishes in their career
**cup_driver_season**

**career_top_20** num: Total number of top 20 finishes in their career

**career_top_20_pct** num: Percentage of top 20 finishes in their career

**career_avg_start** num: Average start position for their career

**career_best_start** num: Best start position in their career

**career_worst_start** num: Worst start position in their career

**career_avg_finish** num: Average finish position for their career

**career_best_finish** num: Best finish position in their career

**career_worst_finish** num: Worst finish position in their career

**career_avg_laps_led** num: Average number of laps led per race in their career

**career_total_laps_led** num: Total number of laps led in their career

**career_most_lapsLed** num: Most laps led in a single race in their career

**career_total_money** num: Total earnings for their career (in dollars)

**career_avg_money** num: Average earnings per race for their career (in dollars)

**career_max_race_money** num: Highest earnings in a single race for their career (in dollars)

**career_min_race_money** num: Lowest earnings in a single race for their career (in dollars)

**Source**


https://en.wikipedia.org/wiki/NASCAR_Cup_Series

**Examples**

```r
data(cup_driver_career)
```

**Description**

A collection of NASCAR Cup Series driver season statistics from 1949 through the completion of the 2023 season. This dataset includes various performance metrics for each driver over each season.

**Usage**

```r
cup_driver_season
```
Format

A data frame with 9,665 rows and 26 variables:

- `season` num: Racing season (1949-2023)
- `driver` chr: Driver’s name
- `season_races` num: Number of races participated in that season
- `season_wins` num: Number of wins in that season
- `season_win_pct` num: Win percentage in that season
- `season_top_5` num: Number of top 5 finishes in that season
- `season_top_5_pct` num: Top 5 percentage in that season
- `season_top_10` num: Number of top 10 finishes in that season
- `season_top_10_pct` num: Top 10 percentage in that season
- `season_top_20` num: Number of top 20 finishes in that season
- `season_top_20_pct` num: Top 20 percentage in that season
- `season_avg_start` num: Average start position in that season
- `season_best_start` num: Best start position in that season
- `season_worst_start` num: Worst start position in that season
- `season_avg_finish` num: Average finish position in that season
- `season_best_finish` num: Best finish position in that season
- `season_worst_finish` num: Worst finish position in that season
- `season_avg_laps_led` num: Average number of laps led per race in that season
- `season_total_laps_led` num: Total number of laps led in that season
- `season_most_laps_led` num: Most laps led in a single race in that season
- `season_avg_points` num: Average points earned per race in that season
- `season_avg_playoff_pts` num: Average playoff points earned per race in that season
- `season_total_money` num: Total earnings in that season (in dollars)
- `season_avg_money` num: Average earnings per race in that season (in dollars)
- `season_max_race_money` num: Maximum earnings in a single race in that season (in dollars)
- `season_min_race_money` num: Minimum earnings in a single race in that season (in dollars)

Source

https://en.wikipedia.org/wiki/NASCAR_Cup_Series

Examples

data(cup_driver_season)
Description

A collection of overall statistics for manufacturers in the NASCAR Cup Series. The data includes overall totals and averages for various performance metrics.

Usage

cup_mfg_overall

Format

A data frame with 361 rows and 13 variables:

- **manufacturer** chr: Manufacturer name
- **mfg_overall_races** num: Total number of races for the manufacturer
- **mfg_overall_wins** num: Total number of wins for the manufacturer
- **mfg_overall_win_pct** num: Win percentage for the manufacturer
- **mfg_overall_top_5** num: Total number of top 5 finishes for the manufacturer
- **mfg_overall_top_10** num: Total number of top 10 finishes for the manufacturer
- **mfg_overall_top_20** num: Total number of top 20 finishes for the manufacturer
- **mfg_overall_cars_raced** num: Total number of cars raced by the manufacturer
- **mfg_overall_car_win_pct** num: Win percentage at the car level for the manufacturer
- **mfg_overall_avg_start** num: Average start position for the manufacturer
- **mfg_overall_avg_finish** num: Average finish position for the manufacturer
- **mfg_overall_laps_led** num: Total number of laps led by the manufacturer
- **mfg_overall_avg_laps_led** num: Average number of laps led per race for the manufacturer

Source

https://en.wikipedia.org/wiki/NASCAR_Cup_Series

Examples

data(cup_mfg_overall)
**Description**

A collection of season statistics for manufacturers in the NASCAR Cup Series. The data includes season totals and averages for various performance metrics.

**Usage**

cup_mfg_season

**Format**

A data frame with 1,109 rows and 14 variables:

- **manufacturer** chr: Manufacturer name
- **season** num: Racing season
- **mfg_season_races** num: Total number of races for the manufacturer in the season
- **mfg_season_wins** num: Total number of wins for the manufacturer in the season
- **mfg_season_top_5** num: Total number of top 5 finishes for the manufacturer in the season
- **mfg_season_top_10** num: Total number of top 10 finishes for the manufacturer in the season
- **mfg_season_top_20** num: Total number of top 20 finishes for the manufacturer in the season
- **mfg_season_win_pct** num: Win percentage for the manufacturer in the season
- **mfg_season_cars_raced** num: Total number of cars raced by the manufacturer in the season
- **mfg_season_car_win_pct** num: Win percentage at the car level for the manufacturer in the season
- **mfg_season_avg_start** num: Average start position for the manufacturer in the season
- **mfg_season_avg_finish** num: Average finish position for the manufacturer in the season
- **mfg_season_avg_laps_led** num: Average number of laps led per race for the manufacturer in the season
- **mfg_season_laps_led** num: Total number of laps led by the manufacturer in the season

**Source**

https://en.wikipedia.org/wiki/NASCAR_Cup_Series

**Examples**

data(cup_mfg_season)
cup_owner_career  

NASCAR Cup Series Owner Career Statistics

Description

A collection of career statistics for owners in the NASCAR Cup Series. The data includes career totals and averages for various performance metrics.

Usage

cup_owner_career

Format

A data frame with 2270 rows and 13 variables:

- **owner** chr: Owner name
- **owner_overall_races** num: Total number of races for the owner in their career
- **owner_overall_wins** num: Total number of wins for the owner in their career
- **owner_overall_win_pct** num: Win percentage for the owner in their career
- **owner_overall_top_5** num: Total number of top 5 finishes for the owner in their career
- **owner_overall_top_10** num: Total number of top 10 finishes for the owner in their career
- **owner_overall_top_20** num: Total number of top 20 finishes for the owner in their career
- **owner_overall_cars_raced** num: Total number of cars raced by the owner in their career
- **owner_overall_car_win_pct** num: Win percentage at the car level for the owner in their career
- **owner_overall_avg_start** num: Average start position for the owner in their career
- **owner_overall_avg_finish** num: Average finish position for the owner in their career
- **owner_overall_laps_led** num: Total number of laps led by the owner in their career
- **owner_overall_avg_laps_led** num: Average number of laps led per race for the owner in their career

Source

https://en.wikipedia.org/wiki/NASCAR_Cup_Series

Examples

data(cup_owner_career)
NASCAR Cup Series Owner Season Statistics

Description
A collection of season statistics for owners in the NASCAR Cup Series. The data includes season totals and averages for various performance metrics.

Usage
cup_owner_season

Format
A data frame with 6560 rows and 14 variables:

- owner chr: Owner name
- season num: Racing season (1949-2023)
- owner_season_races num: Total number of races for the owner in the season
- owner_season_wins num: Total number of wins for the owner in the season
- owner_season_top_5 num: Total number of top 5 finishes for the owner in the season
- owner_season_top_10 num: Total number of top 10 finishes for the owner in the season
- owner_season_top_20 num: Total number of top 20 finishes for the owner in the season
- owner_season_win_pct num: Win percentage for the owner in the season
- owner_season_cars_raced num: Total number of cars raced by the owner in the season
- owner_season_car_win_pct num: Win percentage at the car level for the owner in the season
- owner_season_avg_start num: Average start position for the owner in the season
- owner_season_avg_finish num: Average finish position for the owner in the season
- owner_season_laps_led num: Total number of laps led by the owner in the season
- owner_season_laps_led num: Average number of laps led per race for the owner in the season

Source
https://en.wikipedia.org/wiki/NASCAR_Cup_Series

Examples
data(cup_owner_season)
Description

A collection of NASCAR’s top level competitive race series results from the first race in 1949 through the completion of the 2023 season. The series has undergone several name changes, including its start as the Strictly Stock and Grand National to Winston Cup through the current NASCAR Cup Series.

Usage

cup_race_data

Format

A data frame with 97,474 rows and 23 variables:

- **season** num: Racing season (1949-2023)
- **race** num: Chronological race number for that season (1-62)
- **site** chr: Location of the race (city)
- **track** chr: Race track name
- **track_length** num: Race track length, in miles
- **track_type** chr: Race track surface (dirt track, paved track, road course)
- **finish** num: Finish position in the race
- **start** num: Start position in the race
- **driver** chr: Driver’s name
- **manufacturer** chr: Car manufacturer (e.g., "Chevrolet", "Ford", "Toyota")
- **car_number** chr: Car number
- **owner** chr: Car owner
- **sponsor** chr: Car sponsor
- **win** num: Indicator variable for win; 1 = win, 0 = did not win
- **top_5** num: Indicator variable for finish position in 5th place or better; 1 = yes, 0 = no
- **top_10** num: Indicator variable for finish position in 10th place or better; 1 = yes, 0 = no
- **top_20** num: Indicator variable for finish position in 20th place or better; 1 = yes, 0 = no
- **laps** num: Number of laps completed in the race
- **laps_led** num: Number of laps led in the race
- **status** chr: Status at the end of the race (e.g., "Running", "Accident"), if available
- **money** num: Total race earning (in dollars) not including bonus money, if available. No available data beginning with the 2016 season.
- **pts** num: Points earned in the race. Available beginning with the 1975 season.
- **playoff_pts** num: Playoff points earned in the race. Available beginning with the 2017 season.
## Description

A collection of career statistics for drivers in the NASCAR Truck Series. The data includes career averages and totals for various performance metrics.

## Usage

```
truck_driver_career
cup_race_data
```

## Format

A data frame with 1,058 rows and 23 variables:

- **driver** chr: Driver’s name
- **career_races** num: Total number of races driven in their career
- **career_wins** num: Total number of wins in their career
- **career_win_pct** num: Win percentage for their career
- **career_top_5** num: Total number of top 5 finishes in their career
- **career_top_5_pct** num: Percentage of top 5 finishes in their career
- **career_top_10** num: Total number of top 10 finishes in their career
- **career_top_10_pct** num: Percentage of top 10 finishes in their career
- **career_top_20** num: Total number of top 20 finishes in their career
- **career_top_20_pct** num: Percentage of top 20 finishes in their career
- **career_avg_start** num: Average start position for their career
- **career_best_start** num: Best start position in their career
- **career_worst_start** num: Worst start position in their career
- **career_avg_finish** num: Average finish position for their career
- **career_best_finish** num: Best finish position in their career
- **career_worst_finish** num: Worst finish position in their career
- **career_avg_laps_led** num: Average number of laps led per race in their career
- **career_total_laps_led** num: Total number of laps led in their career
career_most_laps_led num: Most laps led in a single race in their career
career_total_money num: Total earnings for their career (in dollars)
career_avg_money num: Average earnings per race for their career (in dollars)
career_max_race_money num: Highest earnings in a single race for their career (in dollars)
career_min_race_money num: Lowest earnings in a single race for their career (in dollars)

Source
https://www.driveraverages.com/nascar_truckseries/
https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series

Examples
data(truck_driver_career)

truck_driver_season NASCAR Truck Series Driver Season Statistics

Description
A collection of season statistics for drivers in the NASCAR Truck Series. The data includes season averages and totals for various performance metrics.

Usage
truck_driver_season

Format
A data frame with 3,224 rows and 26 variables:
season num: Racing season (1995-2023)
driver chr: Driver’s name
season_races num: Total number of races driven in the season
season_wins num: Total number of wins in the season
season_win_pct num: Win percentage for the season
season_top_5 num: Total number of top 5 finishes in the season
season_top_5_pct num: Percentage of top 5 finishes in the season
season_top_10 num: Total number of top 10 finishes in the season
season_top_10_pct num: Percentage of top 10 finishes in the season
season_top_20 num: Total number of top 20 finishes in the season
season_top_20_pct num: Percentage of top 20 finishes in the season
season_avg_start num: Average start position for the season
season_best_start  num: Best start position in the season
season_worst_start  num: Worst start position in the season
season_avg_finish  num: Average finish position for the season
season_best_finish  num: Best finish position in the season
season_worst_finish  num: Worst finish position in the season
season_avg_lapsLed  num: Average number of laps led per race in the season
season_total_lapsLed  num: Total number of laps led in the season
season_most_lapsLed  num: Most laps led in a single race in the season
season_avg_points  num: Average points earned per race in the season
season_avg_playoff_pts  num: Average playoff points earned per race in the season
season_total_money  num: Total earnings for the season (in dollars)
season_avg_money  num: Average earnings per race for the season (in dollars)
season_max_race_money  num: Highest earnings in a single race for the season (in dollars)
season_min_race_money  num: Lowest earnings in a single race for the season (in dollars)

Source

https://www.driveraverages.com/nascar_truckseries/
https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series

Examples

data(truck_driver_season)

<table>
<thead>
<tr>
<th>truck_mfg_overall</th>
<th>NASCAR Truck Series Manufacturer Overall Statistics</th>
</tr>
</thead>
</table>

Description

A collection of overall statistics for manufacturers in the NASCAR Truck Series. The data includes overall totals and averages for various performance metrics.

Usage

truck_mfg_overall
Format
A data frame with 5 rows and 13 variables:

- **manufacturer**: chr: Manufacturer name
- **mfg_overall_races**: num: Total number of races for the manufacturer
- **mfg_overall_wins**: num: Total number of wins for the manufacturer
- **mfg_overall_win_pct**: num: Win percentage for the manufacturer
- **mfg_overall_top_5**: num: Total number of top 5 finishes for the manufacturer
- **mfg_overall_top_10**: num: Total number of top 10 finishes for the manufacturer
- **mfg_overall_top_20**: num: Total number of top 20 finishes for the manufacturer
- **mfg_overall_trucks_raced**: num: Total number of trucks raced by the manufacturer
- **mfg_overall_truck_win_pct**: num: Win percentage at the truck level
- **mfg_overall_avg_start**: num: Average start position for the manufacturer
- **mfg_overall_avg_finish**: num: Average finish position for the manufacturer
- **mfg_overall_laps_led**: num: Total number of laps led by the manufacturer
- **mfg_overall_avg_laps_led**: num: Average number of laps led per race for the manufacturer

Source
https://www.driveraverages.com/nascar_truckseries/
https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series

Examples
```
data(truck_mfg_overall)
```

---

**Description**
A collection of season statistics for manufacturers in the NASCAR Truck Series. The data includes season totals and averages for various performance metrics.

**Usage**
```
truck_mfg_season
```
Format

A data frame with 100 rows and 14 variables:

- **manufacturer** chr: Manufacturer name
- **season** num: Racing season (1995-2023)
- **mfg_season_races** num: Total number of races for the manufacturer in the season
- **mfg_season_wins** num: Total number of wins for the manufacturer in the season
- **mfg_season_top_5** num: Total number of top 5 finishes for the manufacturer in the season
- **mfg_season_top_10** num: Total number of top 10 finishes for the manufacturer in the season
- **mfg_season_top_20** num: Total number of top 20 finishes for the manufacturer in the season
- **mfg_season_win_pct** num: Win percentage for the manufacturer in the season
- **mfg_season_trucks_raced** num: Total number of trucks raced by the manufacturer in the season
- **mfg_season_truck_win_pct** num: Win percentage at the truck level for the manufacturer in the season
- **mfg_season_avg_start** num: Average start position for the manufacturer in the season
- **mfg_season_avg_finish** num: Average finish position for the manufacturer in the season
- **mfg_season_avg_laps_led** num: Average number of laps led per race for the manufacturer in the season
- **mfg_season_laps_led** num: Total number of laps led by the manufacturer in the season

Source

- [https://www.driveraverages.com/nascar_truckseries/](https://www.driveraverages.com/nascar_truckseries/)

Examples

```
data(truck_mfg_season)
```

---

**truck_owner_career**  
**NASCAR Truck Series Owner Career Statistics**

Description

A collection of career statistics for owners in the NASCAR Truck Series. The data includes career totals and averages for various performance metrics.

Usage

```
truck_owner_career
```
truck_owner_season

Format

A data frame with 492 rows and 13 variables:

- **owner** chr: Owner name
- **owner_overall_races** num: Total number of races for the owner in their career
- **owner_overall_wins** num: Total number of wins for the owner in their career
- **owner_overall_win_pct** num: Win percentage for the owner in their career
- **owner_overall_top_5** num: Total number of top 5 finishes for the owner in their career
- **owner_overall_top_10** num: Total number of top 10 finishes for the owner in their career
- **owner_overall_top_20** num: Total number of top 20 finishes for the owner in their career
- **owner_overall_trucks_raced** num: Total number of trucks raced by the owner in their career
- **owner_overall_truck_win_pct** num: Win percentage at the truck level for the owner in their career
- **owner_overall_avg_start** num: Average start position for the owner in their career
- **owner_overall_avg_finish** num: Average finish position for the owner in their career
- **owner_overall_avg_laps_led** num: Average number of laps led per race for the owner in their career
- **owner_overall_laps_led** num: Total number of laps led by the owner in their career

Source

https://www.driveraverages.com/nascar_truckseries/
https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series

Examples

```r
data(truck_owner_career)
```

---

### Description

A collection of season statistics for owners in the NASCAR Truck Series. The data includes season totals and averages for various performance metrics.

### Usage

```r
truck_owner_season
```
truck_race_data

Format

A data frame with 1507 rows and 14 variables:

- **owner** chr: Owner name
- **season** num: Racing season (1995-2023)
- **owner_season_races** num: Total number of races for the owner in the season
- **owner_season_wins** num: Total number of wins for the owner in the season
- **owner_season_top_5** num: Total number of top 5 finishes for the owner in the season
- **owner_season_top_10** num: Total number of top 10 finishes for the owner in the season
- **owner_season_top_20** num: Total number of top 20 finishes for the owner in the season
- **owner_season_win_pct** num: Win percentage for the owner in the season
- **owner_season_trucks_raced** num: Total number of trucks raced by the owner in the season
- **owner_season_truck_win_pct** num: Win percentage at the truck level for the owner in the season
- **owner_season_avg_start** num: Average start position for the owner in the season
- **owner_season_avg_finish** num: Average finish position for the owner in the season
- **owner_season_avg_laps_led** num: Average number of laps led per race for the owner in the season
- **owner_season_laps_led** num: Total number of laps led by the owner in the season

Source

https://www.driveraverages.com/nascar_truckseries/
https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series

Examples

data(truck_owner_season)

truck_race_data NASCAR truck Series Results

Description

A collection of NASCAR’s pickup truck race series results from the first race in 1995 through the completion of the 2023 season. The series has undergone name changes, originating with the NASCAR Craftsman Truck Series to the Camping World and Gander Outdoors Truck Series and returning to the Craftsman Truck Series.

Usage

truck_race_data
truck_race_data

Format

A data frame with 23,836 rows and 23 variables:

- season  num: Racing season (1995-2023)
- race  num: Chronological race number for that season (1-27)
- site  chr: Location of the race (city)
- track  chr: Race track name
- track_length  num: Race track length, in miles
- track_type  chr: Race track surface (dirt track, paved track, road course)
- finish  num: Finish position in the race
- start  num: Start position in the race
- driver  chr: Driver’s name
- manufacturer  chr: Truck manufacturer ("Chevrolet", "Dodge", "Ford", "Toyota", "RAM")
- truck_number  chr: Truck number
- owner  chr: Truck owner
- sponsor  chr: Truck sponsor
- win  num: Indicator variable for win; 1 = win, 0 = did not win
- top_5  num: Indicator variable for finish position in 5th place or better; 1 = yes, 0 = no
- top_10  num: Indicator variable for finish position in 10th place or better; 1 = yes, 0 = no
- top_20  num: Indicator variable for finish position in 20th place or better; 1 = yes, 0 = no
- laps  num: Number of laps completed in the race
- laps_led  num: Number of laps led in the race
- status  chr: Status at the end of the race (e.g., "Running", "Accident")
- money  num: Total race earning (in dollars) not including bonus money, if available. No available data beginning with the 2016 season.
- pts  num: Points earned in the race
- playoff_pts  num: Playoff points earned in the race. Available beginning with the 2017 season.

Source

https://www.driveraverages.com/nascar_truckseries/
https://en.wikipedia.org/wiki/NASCAR_Craftsman_Truck_Series

Examples

data(truck_race_data)
**xfinity_driver_career**  *NASCAR Xfinity Series Driver Career Statistics*

### Description

A collection of career statistics for drivers in the NASCAR Xfinity Series. The data includes career averages and totals for various performance metrics.

### Usage

xfinity_driver_career

### Format

A data frame with 1,308 rows and 23 variables:

- **driver**  chr: Driver’s name
- **career_races**  num: Total number of races driven in their career
- **career_wins**  num: Total number of wins in their career
- **career_win_pct**  num: Win percentage for their career
- **career_top_5**  num: Total number of top 5 finishes in their career
- **career_top_5_pct**  num: Percentage of top 5 finishes in their career
- **career_top_10**  num: Total number of top 10 finishes in their career
- **career_top_10_pct**  num: Percentage of top 10 finishes in their career
- **career_top_20**  num: Total number of top 20 finishes in their career
- **career_top_20_pct**  num: Percentage of top 20 finishes in their career
- **career_avg_start**  num: Average start position for their career
- **career_best_start**  num: Best start position in their career
- **career_worst_start**  num: Worst start position in their career
- **career_avg_finish**  num: Average finish position for their career
- **career_best_finish**  num: Best finish position in their career
- **career_worst_finish**  num: Worst finish position in their career
- **career_avg_laps_led**  num: Average number of laps led per race in their career
- **career_total_laps_led**  num: Total number of laps led in their career
- **career_most_laps_led**  num: Most laps led in a single race in their career
- **career_total_money**  num: Total earnings for their career (in dollars)
- **career_avg_money**  num: Average earnings per race for their career (in dollars)
- **career_max_race_money**  num: Highest earnings in a single race for their career (in dollars)
- **career_min_race_money**  num: Lowest earnings in a single race for their career (in dollars)
Source

https://www.driveraverages.com/nascar_xfinityseries/
https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series

Examples

data(xfinity_driver_career)

---

**xfinity_driver_season**  *NASCAR Xfinity Series Driver Season Statistics*

**Description**

A collection of season statistics for drivers in the NASCAR Xfinity Series. The data includes season averages and totals for various performance metrics.

**Usage**

xfinity_driver_season

**Format**

A data frame with 5,394 rows and 26 variables:

- **season** num: Racing season (1982-2023)
- **driver** chr: Driver’s name
- **season_races** num: Total number of races driven in the season
- **season_wins** num: Total number of wins in the season
- **season_win_pct** num: Win percentage for the season
- **season_top_5** num: Total number of top 5 finishes in the season
- **season_top_5_pct** num: Percentage of top 5 finishes in the season
- **season_top_10** num: Total number of top 10 finishes in the season
- **season_top_10_pct** num: Percentage of top 10 finishes in the season
- **season_top_20** num: Total number of top 20 finishes in the season
- **season_top_20_pct** num: Percentage of top 20 finishes in the season
- **season_avg_start** num: Average start position for the season
- **season_best_start** num: Best start position in the season
- **season_worst_start** num: Worst start position in the season
- **season_avg_finish** num: Average finish position for the season
- **season_best_finish** num: Best finish position in the season
- **season_worst_finish** num: Worst finish position in the season
- **season_avg_laps_led** num: Average number of laps led per race in the season
season_total_laps_led  num: Total number of laps led in the season
season_most_laps_led  num: Most laps led in a single race in the season
season_avg_points  num: Average points earned per race in the season
season_avg_playoff_pts  num: Average playoff points earned per race in the season
season_total_money  num: Total earnings for the season (in dollars)
season_avg_money  num: Average earnings per race for the season (in dollars)
season_max_race_money  num: Highest earnings in a single race for the season (in dollars)
season_min_race_money  num: Lowest earnings in a single race for the season (in dollars)

Source
https://www.driveraverages.com/nascar_xfinityseries/
https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series

Examples

data(xfinity_driver_season)
**xfinity_mfg_season**

- **mfg_overall_avg_start** num: Average start position for the manufacturer
- **mfg_overall_avg_finish** num: Average finish position for the manufacturer
- **mfg_overall_laps_led** num: Total number of laps led by the manufacturer
- **mfg_overall_avg_laps_led** num: Average number of laps led per race for the manufacturer

**Source**

- [https://www.driveraverages.com/nascar_xfinityseries/](https://www.driveraverages.com/nascar_xfinityseries/)

**Examples**

```
data(xfinity_mfg_overall)
```

**Description**

A collection of season statistics for manufacturers in the NASCAR Xfinity Series. The data includes season totals and averages for various performance metrics.

**Usage**

```
xfinity_mfg_season
```

**Format**

A data frame with 179 rows and 14 variables:

- **manufacturer** chr: Manufacturer name
- **season** num: Racing season (1982-2023)
- **mfg_season_races** num: Total number of races for the manufacturer in the season
- **mfg_season_wins** num: Total number of wins for the manufacturer in the season
- **mfg_season_top_5** num: Total number of top 5 finishes for the manufacturer in the season
- **mfg_season_top_10** num: Total number of top 10 finishes for the manufacturer in the season
- **mfg_season_top_20** num: Total number of top 20 finishes for the manufacturer in the season
- **mfg_season_win_pct** num: Win percentage for the manufacturer in the season
- **mfg_season_cars_raced** num: Total number of cars raced by the manufacturer in the season
- **mfg_season_car_win_pct** num: Win percentage at the car level for the manufacturer in the season
- **mfg_season_avg_start** num: Average start position for the manufacturer in the season
- **mfg_season_avg_finish** num: Average finish position for the manufacturer in the season
- **mfg_season_avg_laps_led** num: Average number of laps led per race for the manufacturer in the season
- **mfg_season_laps_led** num: Total number of laps led by the manufacturer in the season
Source
https://www.driveraverages.com/nascar_xfinityseries/
https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series

Examples

```r
data(xfinity_mfg_season)
```

---

**Description**

A collection of career statistics for owners in the NASCAR Xfinity Series. The data includes career totals and averages for various performance metrics.

**Usage**

```r
xfinity_owner_career
```

**Format**

A data frame with 1241 rows and 13 variables:

- `owner` chr: Owner name
- `owner_overall_races` num: Total number of races for the owner in their career
- `owner_overall_wins` num: Total number of wins for the owner in their career
- `owner_overall_win_pct` num: Win percentage for the owner in their career
- `owner_overall_top_5` num: Total number of top 5 finishes for the owner in their career
- `owner_overall_top_10` num: Total number of top 10 finishes for the owner in their career
- `owner_overall_top_20` num: Total number of top 20 finishes for the owner in their career
- `owner_overall_cars_raced` num: Total number of cars raced by the owner in their career
- `owner_overall_car_win_pct` num: Win percentage at the car level for the owner in their career
- `owner_overall_avg_start` num: Average start position for the owner in their career
- `owner_overall_avg_finish` num: Average finish position for the owner in their career
- `owner_overall_laps_led` num: Total number of laps led by the owner in their career
- `owner_overall_avg_laps_led` num: Average number of laps led per race for the owner in their career

**Source**

https://www.driveraverages.com/nascar_xfinityseries/
https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series
Examples

data(xfinity_owner_season)

---

**xfinity_owner_season**  
*NASCAR Xfinity Series Owner Season Statistics*

**Description**

A collection of season statistics for owners in the NASCAR Xfinity Series. The data includes season totals and averages for various performance metrics.

**Usage**

xfinity_owner_season

**Format**

A data frame with 3268 rows and 14 variables:

- **owner**  
  chr: Owner name

- **season**  
  num: Racing season (1982-2023)

- **owner_season_races**  
  num: Total number of races for the owner in the season

- **owner_season_wins**  
  num: Total number of wins for the owner in the season

- **owner_season_top_5**  
  num: Total number of top 5 finishes for the owner in the season

- **owner_season_top_10**  
  num: Total number of top 10 finishes for the owner in the season

- **owner_season_top_20**  
  num: Total number of top 20 finishes for the owner in the season

- **owner_season_win_pct**  
  num: Win percentage for the owner in the season

- **owner_season_cars_raced**  
  num: Total number of cars raced by the owner in the season

- **owner_season_car_win_pct**  
  num: Win percentage at the car level for the owner in the season

- **owner_season_avg_start**  
  num: Average start position for the owner in the season

- **owner_season_avg_finish**  
  num: Average finish position for the owner in the season

- **owner_season_avg_laps_led**  
  num: Average number of laps led per race for the owner in the season

- **owner_season_laps_led**  
  num: Total number of laps led by the owner in the season

**Source**

https://www.driveraverages.com/nascar_xfinityseries/
https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series

**Examples**

data(xfinity_owner_season)
Description

A collection of NASCAR’s second-tier competitive race series results from the first race in 1982 through the completion of the 2023 season. The series has undergone several name changes, including the Budweiser Late Model Sportsman Series, the NASCAR Busch Grand National Series, and the current NASCAR Xfinity Series.

Usage

xfinity_race_data

Format

A data frame with 51,672 rows and 23 variables:

- **season** num: Racing season (1982-2023)
- **race** num: Chronological race number for that season (1-35)
- **site** chr: Location of the race (city)
- **track** chr: Race track name
- **track_length** num: Race track length, in miles
- **track_type** chr: Race track surface (dirt track, paved track, road course)
- **finish** num: Finish position in the race
- **start** num: Start position in the race
- **driver** chr: Driver’s name
- **manufacturer** chr: Car manufacturer (e.g., "Chevrolet", "Ford", "Toyota")
- **car_number** chr: Car number
- **owner** chr: Car owner
- **sponsor** chr: Car sponsor
- **win** num: Indicator variable for win; 1 = win, 0 = did not win
- **top_5** num: Indicator variable for finish position in 5th place or better; 1 = yes, 0 = no
- **top_10** num: Indicator variable for finish position in 10th place or better; 1 = yes, 0 = no
- **top_20** num: Indicator variable for finish position in 20th place or better; 1 = yes, 0 = no
- **laps** num: Number of laps completed in the race
- **laps_led** num: Number of laps led in the race
- **status** chr: Status at the end of the race (e.g., "Running", "Accident")
- **money** num: Total race earning (in dollars) not including bonus money, if available. No available data beginning with the 2016 season.
- **pts** num: Points earned in the race
- **playoff_pts** num: Playoff points earned in the race. Available beginning with the 2017 season.
\textit{xfinity\_race\_data}

\textbf{Source}

https://www.driveraverages.com/nascar_xfinityseries/

https://en.wikipedia.org/wiki/NASCAR_Xfinity_Series

\textbf{Examples}

data(xfinity\_race\_data)