

Package ‘titanic’

July 22, 2025

Title Titanic Passenger Survival Data Set

Version 0.1.0

Description This data set provides information on the fate of passengers on the fatal maiden voyage of the ocean liner ``Titanic'', summarized according to economic status (class), sex, age and survival. Whereas the base R Titanic data found by calling `data(``Titanic")` is an array resulting from cross-tabulating 2201 observations, these data sets are the individual non-aggregated observations and formatted in a machine learning context with a training sample, a testing sample, and two additional data sets that can be used for deeper machine learning analysis. These data sets are also the data sets downloaded from the Kaggle competition and thus lowers the barrier to entry for users new to R or machine learning.

URL <https://github.com/paulhendricks/titanic>

BugReports <https://github.com/paulhendricks/titanic/issues>

Depends R (>= 3.1.2)

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LazyData true

Suggests dplyr

NeedsCompilation no

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Repository CRAN

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titanic	<i>titanic: Titanic Passenger Survival Data Set</i>
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Description

titanic: Titanic Passenger Survival Data Set

titanic_gender_class_model	<i>Titanic gender class model data.</i>
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Description

Titanic gender class model data.

Usage

titanic_gender_class_model

Format

Data frame with columns

PassengerId Passenger ID

Survived Passenger Survival Indicator

Source

<https://www.kaggle.com/c/titanic/data>

Examples

titanic_gender_class_model

titanic_gender_model	<i>Titanic gender model data.</i>
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Description

Titanic gender model data.

Usage

```
titanic_gender_model
```

Format

Data frame with columns

PassengerId Passenger ID

Survived Passenger Survival Indicator

Source

<https://www.kaggle.com/c/titanic/data>

Examples

```
titanic_gender_model
```

titanic_test	<i>Titanic test data.</i>
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Description

Titanic test data.

Usage

```
titanic_test
```

Format

Data frame with columns

PassengerId Passenger ID

Pclass Passenger Class

Name Name

Sex Sex

Age Age
SibSp Number of Siblings/Spouses Aboard
Parch Number of Parents/Children Aboard
Ticket Ticket Number
Fare Passenger Fare
Cabin Cabin
Embarked Port of Embarkation

Source

<https://www.kaggle.com/c/titanic/data>

Examples

```
titanic_test
```

titanic_train	<i>Titanic train data.</i>
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Description

Titanic train data.

Usage

```
titanic_train
```

Format

Data frame with columns

PassengerId Passenger ID
Survived Passenger Survival Indicator
Pclass Passenger Class
Name Name
Sex Sex
Age Age
SibSp Number of Siblings/Spouses Aboard
Parch Number of Parents/Children Aboard
Ticket Ticket Number
Fare Passenger Fare
Cabin Cabin
Embarked Port of Embarkation

titanic_train

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Source

<https://www.kaggle.com/c/titanic/data>

Examples

`titanic_train`

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