

# Package ‘titanic’

October 14, 2022

**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)

**License** CC0

**LazyData** true

**Suggests** dplyr

**NeedsCompilation** no

**Author** Paul Hendricks [aut, cre]

**Maintainer** Paul Hendricks <paul.hendricks.2013@owu.edu>

**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

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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

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titanic\_gender\_model *Titanic gender model data.*

---

**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 *Titanic test data.*

---

**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

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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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