

Spaceship Titanic

Predict which passengers are transported to an alternate dimension



Spaceship Titanic

[Submit Prediction](#)

Overview

This competition runs indefinitely with a rolling leaderboard. [Learn more](#)

Description

 [Recommended Competition](#)

We highly recommend [Titanic - Machine Learning from Disaster](#) to get familiar with the basics of machine learning and Kaggle competitions.

Welcome to the year 2912, where your data science skills are needed to solve a cosmic mystery. We've received a transmission from four lightyears away and things aren't looking good.

The *Spaceship Titanic* was an interstellar passenger liner launched a month ago. With almost 13,000 passengers on board, the vessel set out on its maiden voyage transporting emigrants from our solar system to three newly habitable exoplanets orbiting nearby stars.

While rounding Alpha Centauri en route to its first destination—the torrid 55 Cancri E—the unwary *Spaceship Titanic* collided with a spacetime anomaly hidden within a dust cloud. Sadly, it met a similar fate as its namesake from 1000 years before. Though the ship stayed intact, almost half of the passengers were transported to an alternate dimension!



To help rescue crews and retrieve the lost passengers, you are challenged to predict which passengers were transported by the anomaly using records recovered from the spaceship's damaged computer system.

Help save them and change history!

Getting Started Notebook

To get started quickly, feel free to take advantage of this starter notebook.

If you want to talk with other users about this competition, come join our Discord! We've got channels for competitions, job postings and career discussions, resources, and socializing with your fellow data scientists. Follow the link here: <https://discord.gg/kaggle>

Acknowledgments

Photos by Joel Filipe, Richard Gatley and ActionVance on Unsplash.

Evaluation

Metric

Submissions are evaluated based on their classification accuracy, the percentage of predicted labels that are correct.

Submission Format

The submission format for the competition is a csv file with the following format:

```
PassengerId,Transported  
0013_01,False  
0018_01,False  
0019_01,False  
0021_01,False  
etc.
```

Frequently Asked Questions

What is a Getting Started competition?

Getting Started competitions were created by Kaggle data scientists for people who have little to no machine learning background. They are a great place to begin if you are new to data science or just finished a MOOC and want to get involved in Kaggle.

Getting Started competitions are a non-competitive way to get familiar with Kaggle's platform, learn basic machine learning concepts, and start meeting people in the community. They have no cash prize and are on a rolling timeline.

How do I create and manage a team?

When you accept the competition rules, a team will be created for you. You can invite others to your team, accept a merger with another team, and update basic information like team name by going to the Team page.

We've heard from many Kagglers that teaming up is the best way to learn new skills AND have fun. If you don't have a teammate already, consider asking if anyone wants to team up in the discussion forum.

What are Notebooks?

Kaggle Notebooks is a cloud computational environment that enables reproducible and collaborative analysis. Notebooks support scripts in Python and R, Jupyter Notebooks, and RMarkdown reports. You can visit the Notebooks tab to view all of the publicly shared code for the Spaceship Titanic competition. For more on how to use Notebooks to learn data science, check out our Courses!

Why did my team disappear from the leaderboard?

To keep with the spirit of getting-started competitions, we have implemented a two month rolling window on submissions. Once a submission is more than two months old, it will be invalidated and no longer count towards the leaderboard.

If your team has no submissions in the previous two months, the team will also drop from the leaderboard. This will keep the leaderboard at a manageable size, freshen it up, and prevent newcomers from getting lost in a sea of abandoned scores.

"I worked so hard to get that score! Give it back!" Read more about our decision to implement a rolling leaderboard [here](#).

How do I contact Support?

Kaggle does not have a dedicated support team so you'll typically find that you receive a response more quickly by asking your question in the appropriate forum. (For this competition, you'll want to use the Spaceship Titanic discussion forum).

Support is only able to help with issues that are being experienced by all participants. Before contacting support, please check the discussion forum for information on your problem. If you can't find it, you can post your problem in the forum so a fellow participant or a Kaggle team member can provide help. The forums are full of useful information on the data, metric, and different approaches. We encourage you to use the forums often. If you share your knowledge, you'll find that others will share a lot in turn!

If your problem persists or it seems to be effective all participants then please contact us.

Citation

Addison Howard, Ashley Chow, and Ryan Holbrook. Spaceship Titanic.

<https://kaggle.com/competitions/spaceship-titanic>, 2022. Kaggle.