

## Data Scientist - Warm Up challenge

### Titanic Survival prediction

#### Dataset

Download the titanic dataset from here: <https://www.kaggle.com/competitions/titanic/data>

Please reach out to Benjamin Scheer ( [benjamin.scheer@ionos.com](mailto:benjamin.scheer@ionos.com) ) if you encounter any issues getting your hands on the correct dataset.

#### The challenge

The challenge is simple:

Use machine learning to create a model that predicts which passengers survived the Titanic shipwreck. Approach it like a normal Data Science project with its relevant phases (analysis, modeling, evaluation, ...). Provide at least the accuracy metric on the test set in the evaluation of your model(s).

#### Submission

Provide your work in a git repository or comparable format. If you use github, please provide access to the repository to Benjamin Scheer (invite [benjamin.scheer@ionos.com](mailto:benjamin.scheer@ionos.com) as a collaborator).

⇒ Provide all code needed to reproduce your analysis & ML in the repository

⇒ Include a documentation with your approach and results (from analysis + model training & evaluation)

The target group & reviewers are Data Scientists from IONOS.