Recruitment task for Research Engineer position

One of your responsibilities as a Research Engineer will be to implement ML algorithms. We would like you to show us your technical expertise by working on this Kaggle competition.

You have **two weeks** from the date you received the task. Before the end of this period please:
- prepare a report that will describe:
  - **your idea** (e.g. what algorithm you used and in what configuration, e.g. the architecture of a neural network, or how you engineered features you fed to the model)
  - initial data wrangling
  - how you **evaluated the model performance** using the available data (e.g. by splitting the data into training, validation and holdout set)
  - **your results**
  - highlights of everything else we should note about your solution, esp. **what you are most proud of**, e.g. the novelty of the approach you used
- put your code and the report on **github**, and send us the repository URL

Doing this exercise please keep in mind, that we expect you not only to achieve the best possible results but also to **show us your technical skills**. Thus, it may make sense to prepare two solutions: one that will achieve the best possible result, and one that will show-off your domain expertise.

We accept solutions implemented using any technology and approach, but TensorFlow- or Keras-based implementations are preferred.

Please send us your solution via email: **marta.kostrzewa@pearson.com**, even if it will be unfinished, or you will achieve results that will not be satisfactory.