**Instructions**

From the ’sizes.csv’, ’colors.csv’ and ’types.csv’ files, predict the types of the creatures described in the ‘test.csv’ file and submit them in the ‘sample\_submission.csv’ file which has to be sent to [nicolas.sutton-charani@mines-ales.fr](mailto:nicolas.sutton-charani@mines_ales.fr).

**Data fields**

* **id** - id of the creature
* **bone\_length** - average length of bone in the creature, normalized between 0 and 1
* **rotting\_flesh**- percentage of rotting flesh in the creature
* **hair\_length** - average hair length, normalized between 0 and 1
* **has\_soul**- percentage of soul in the creature
* **color** - dominant color of the creature: 'white','black','clear','blue','green','blood'
* **type** - target variable: 'Ghost', 'Goblin', and 'Ghoul'

**Evaluation**

Submissions are evaluated on the categorization accuracy (the percent of creatures that you correctly classify).

## Submission File

Your submission file should predict the type for each creature in the test set. The file should contain a header and have the following format:

id,type  
0,Ghost  
1,Goblin  
2,Ghoul  
etc.