<https://archive.ics.uci.edu/ml/datasets/mushroom> - Mushroom Classification Dataset

Actual Dataset link: <https://archive.ics.uci.edu/ml/machine-learning-databases/mushroom/>

Poisonous or not poisonous

What features were the best indicators of whether a mushroom is poisonous or not poisonous –

Motivation is curiousity to see if we can improve the knowledge of mushrooms and whether or not they can be eaten

Logistic Regression – (put in note about logistic regression – did a quick model and came up with a 1 for the output – so this maynot be appropriate to use – we will have to look at this more closely – potentially biased data) & Random Forest, K Nearest Neighbor, Naïve Bayes -- Python, package, Skilearn

Responsibility of each team member – figure it out as we go, but will complete the project with each of doing the same work then comparing the results

**Method**

1. Separate X and y variables
2. Use label encoder to replace text data (one hot encoding)
3. Design multicolumn one hot encoder
4. Predict results
5. Review optimal values
6. Finding traits of poisonous mushroom
7. One hot encoding or label encoding –

We are stranded in the forests / mountains of the French Alpes. We were hiking