

Employee Churn Presentation

Kaggle:

<https://www.kaggle.com/c/strange-churn>

<https://www.kaggle.com/c/employee-churn-dt>

Basic Idea of Project

- Using a training set of current employees' various personal and professional attributes and a test set of former employees that have quit, assign a churn rating to every current employee.
- Multiple machine learning algorithms were used such as: Decision Tree, K-Neighbors classifier, and Naive Bayes (Categorical and Gaussian)
- As the number of machine learning algorithms were limited, careful preprocessing was also required.

Skills Learned

- Python Sci-kit Learn
- Applying pre-processing and machine learning algorithms
- Avoiding overfitting to specific data