**Summary and References -Ford dataset.**

The following topics were covered in this tutorial:

- Downloading a real-world dataset

- Preparing a dataset for training

- Training and interpreting decision trees

- Training and interpreting random forests

- Overfitting, hyperparameter tuning & regularization

- Making predictions on single inputs

We also introduced the following terms:

\* Decision tree

\* Random forest

\* Overfitting

\* Hyperparameter

\* Hyperparameter tuning

\* Regularization

\* Ensembling

\* Generalization

\* Bootstrapping

Check out the following resources to learn more:

- https://scikit-learn.org/stable/modules/tree.html

- https://scikit-learn.org/stable/modules/generated/sklearn.ensemble.RandomForestClassifier.html

- https://www.kaggle.com/willkoehrsen/start-here-a-gentle-introduction

- https://www.kaggle.com/willkoehrsen/introduction-to-manual-feature-engineering

- https://www.kaggle.com/willkoehrsen/intro-to-model-tuning-grid-and-random-search