



MACHINE LEARNING
WITH R

Project 1

ACADGILD

Project 1 - Create classification models for mushroom data set with different classification algorithms.

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1. Introduction

This data set includes descriptions of hypothetical samples corresponding to 23 species of gilled mushrooms in the Agaricus and Lepiota Family (pp. 500-525). Each species is identified as definitely edible, definitely poisonous, or of unknown edibility and not recommended. This latter class was combined with the poisonous one. The Guide clearly states that there is no simple rule for determining the edibility of a mushroom; no rule like "leaflets three, let it be" for Poisonous Oak and Ivy.

2. Objective

Create classification models for mushroom data set with different classification algorithms.

3. Prerequisites

4. Associated Data Files

5. Problem Statement

EXPLORATION – Data visualization and understanding

CLASSIFICATION – With various classification methods

6. Expected Output

7. Approximate Time to Complete Task