Experiment 1

You are offered an excel file. In this file, you can get the information of all the students in XXX university. The information includes students' personal information (such as name, student ID, respective departments, age, native place) and course information (such as name of the courses and their respective grades). You are asked to build a classification model to divide the grades into five categories: excellent, good, medium, pass, fail. The classification process is based on the information of name and native place. You should also show you results in a visual way.

> 你被提供了一个excel文件。 在这个文件中，你可以得到XXX大学所有学生的信息。 这些信息包括学生的个人信息（如姓名，学生证，各部门，年龄，本地）和课程信息（如课程名称及各自的成绩）。 你被要求建立一个分类模型，将成绩分为五类：优秀，良好，中等，通过，失败。 分类过程基于名称和本地信息。 您还应该以可视化的方式向您展示结果。