**Cholesterol Level**

Two groups of 60 patients who had dangerously high cholesterol levels enrolled in one of two 3-months long treatment programs. One program is a traditional treatment using diet (Greenlife) and the other is a new experimental treatment that combines diet and exercise (Prosperity). The measurements of patients’ cholesterol levels were taken after they had participated in one of these two programs for three months.

Each dot represents the cholesterol level of a single patient. The blue dots represent cholesterol levels of patients in the traditional program and the yellow dots represent the cholesterol levels of the patients in the experimental program.

The task for the students is to write a report, supported by their analysis of data, to the head of a clinic that is deciding whether to continue with the standard program or to switch to the experimental program. In their reports, students should support their claims by describing the relevant trends and patterns they have found in the data.

\*\*\* Cholesterol level below 200 is considered desirable and 240 and above is considered high-risk. The risk of coronary heart disease increases as the level of cholesterol increases.

# Cholesterol Level Data

