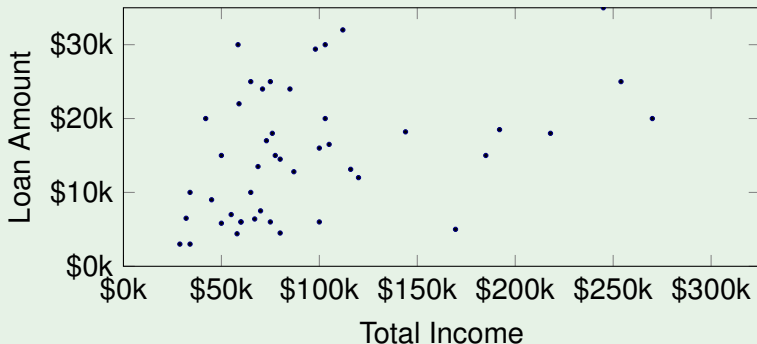# Examining Numerical Data

Colby Community College
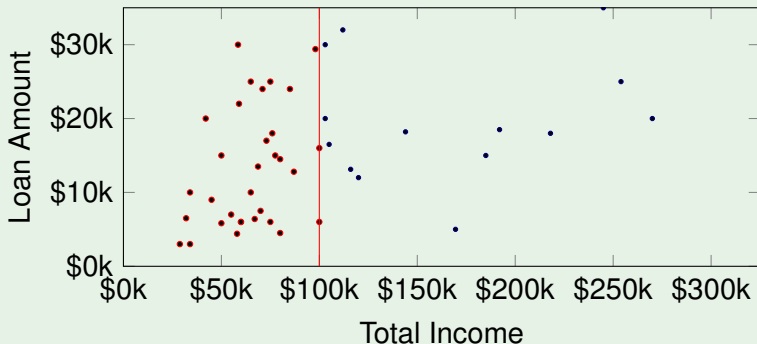
Example 1

Let us consider a scatterplot of borrowers total income and the loan amount from the `loan50` data set.

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We can see that the many of borrowers earn less than $100,000 a year.

Example 2

Let us consider a scatterplot of borrowers total income and the loan amount from the `loan50` data set.

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It is clear there is a **nonlinear** association between the median household income and the poverty rate.