

 Lagunita is retiring and will shut down at 12 noon Pacific Time on March 31, 2020. A few courses may be open for self-enrollment for a limited time. We will continue to offer courses on other online learning platforms; visit <http://online.stanford.edu>.

Course > EDA: Examining Distributions > One Quantitative Variable: Graphs >
One Quantitative Variable Introduction

 Bookmark this page

One Quantitative Variable Introduction



Introduction

In the previous section, we explored the distribution of a categorical variable using graphs (pie chart, bar chart) supplemented by numerical measures (percent of observations in each category). In this section, we will explore the data collected from a **quantitative** variable, and learn how to describe and summarize the important features of its distribution. We will first learn how to display the distribution using graphs and then move on to discuss numerical measures.

To display data from one quantitative variable graphically, we can use either the **histogram** or the **stemplot**. (Another graph, the **boxplot**, will be covered in another section).

Open Learning Initiative 



 Unless otherwise noted this work is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License .

© All Rights Reserved