

 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 > Examining Distributions Summary > StatTutor Lab: Drinking Habits and Integrity of College Students

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StatTutor Lab: Drinking Habits and Integrity of College Students

For this course, please use the most current version of the Chrome or Firefox browser. In particular, **avoid** using Internet Explorer.

Also, some of our activities, such as the StatTutor labs, require JavaScript to be enabled and that all other plug-ins and add-ons are disabled.

- Click here to see Google's support page on how to enable JavaScript in Chrome.
- Click here to see Mozilla's support page on how to enable JavaScript in Firefox.

StatTutor is a learning tool that provides you with a data analysis problem, supports you as you attempt to solve it, and gives you hints and feedback along the way. It assumes that the relevant data set is open in the background.

One of the main ideas behind StatTutor is to demonstrate that when solving data analysis problems we always go through the same set of steps. Those steps are shown on the left side of StatTutor, and you will click on them in sequence as you progress through the lab. Clicking on each step will cause a new worksheet to appear for you to complete.

The Data tab in StatTutor has a pull-down menu to download the dataset for this StatTutor lab. Using the pull-down menu, select the statistics package you are using in your class and click the "Download" button. Then find the downloaded file and double-click it to open it if you're using R, StatCrunch, Minitab, or Excel, or transfer it to your calculator if you're using the TI Calculator.

Note that you must provide a correct answer to all questions in a given step or provide a written response before being able to proceed. The system will bounce you back to a page that does not have all the questions correct or is missing an answer.

- ✓ Understand the Problem
 - ✓ Check Data Format
 - Consider Study Design
- ✓ Question 1
 - ✓ Reflect on Question
 - ✓ Consider Question One
 - ✓ Analyze Data
 - ✓ Plan Analyses
 - ✓ Exploratory Analysis
 - ✓ Determine display and measures
 - Conduct Analysis
 - ✓ Report Results
 - More Formal Analyses
 - Determine more formal analyses
 - Conduct Analysis
 - Report Results
- ✓ Draw Conclusions
 - ✓ Consider what results mean
 - ✓ Reflect on conclusions
- ✓ Question 2
 - ✓ Reflect on Question
 - ✓ Consider Question Two
 - ✓ Analyze Data
 - ✓ Plan Analyses
 - ✓ Exploratory Analysis
 - ✓ Determine display and measures
 - Conduct Analysis
 - ✓ Report Results
 - More Formal Analyses
 - Determine more formal analyses

ProblemQuestionsVariablesDataAbout

Drinking Habits and Integrity of College Students

A student survey was conducted at a major university. Data were collected from a random sample of 236 undergraduate students, and the information that was collected included physical characteristics (such as height and handedness), study habits, academic performance and attitudes, and social behaviors. In this exercise we will focus on exploring relationships between some of those variables. Note that (a) these are **real** data, and (b) the symbol * in the worksheet means that this observation is not available (this is known as a 'missing value').

Click the **Questions** tab to see the questions about this problem that we will try to answer, the **Variables** tab to

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If you get stuck along the way, you can ask for hints by clicking on the hint button below.

To begin:

- Read the **Problem** description at the top of the screen to find out the context of this StatTutor exercise.
- Click the **Questions** tab and take a look at the questions you are going to answer.
- Click the **Variables** tab to see the variables in this study.
- Click the **Data** tab to download the dataset and preview the data.

Congratulations, you are done with this exercise.

PreviousNext



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