

StatCrunch® (www.statcrunch.com) is an online statistical software website that allows users to perform complex analyses, share data sets, and generate compelling reports of their data. Developed by Webster West, Texas A&M University, StatCrunch has nearly 14,000 data sets available for students to analyze, covering almost any topic of interest. Interactive graphics help users understand statistical concepts and are available for export to enrich reports with visual representations of data. For a complete listing of StatCrunch's statistical capabilities, go to: <http://www.statcrunch.com/features.php>.

Getting started with StatCrunch

1. Log into www.statcrunch.com.
 - a. Contact your Pearson Representative if you do not have a login name and password.

2. **Collect:** StatCrunch has nearly **14,000 data sets** being shared that cover almost all topics imaginable, so professors and students can have fresh data. All data sets are searchable by key word tags. Simply, go to *Explore* at the top of your homepage and select *Data*.

Here, we have Responses to the First Female President Survey that was posted on the StatCrunch homepage.

Row	Year	Candidate P	Your Party	Gender	Age
1	2016	Democrat	Independent	Female	34
2	2016	Democrat	Independent	Female	27
3	2020	Democrat	Democrat	Male	60
4	2028	Independent	Democrat	Male	33
5	2018	Republican	Democrat	Male	66
6	2020	Democrat	Republican	Female	24
7	2024	Republican	Republican	Male	31
8	2012	Republican	Republican	Female	20
9	2036	Republican	Other	Male	22
10	2020	Republican	Republican	Male	53
11	2016	Democrat	Democrat	Female	52
12	2020	Republican	Independent	Male	63
13	2020	Republican	Republican	Female	49
14	2012	Democrat	Democrat	Male	26
15	2012	Independent	Independent	Female	28

- a. Students can also create their own surveys.
 - Under My StatCrunch, click *My Surveys*, and select **creating a new survey**. Simply, name your survey, select *Open for responses*, and click *Submit*. You can choose to include a description and thumbnail. You will then be able to add questions by selecting the question type next to *Add question*. To finalize, simply click *Submit Survey*.

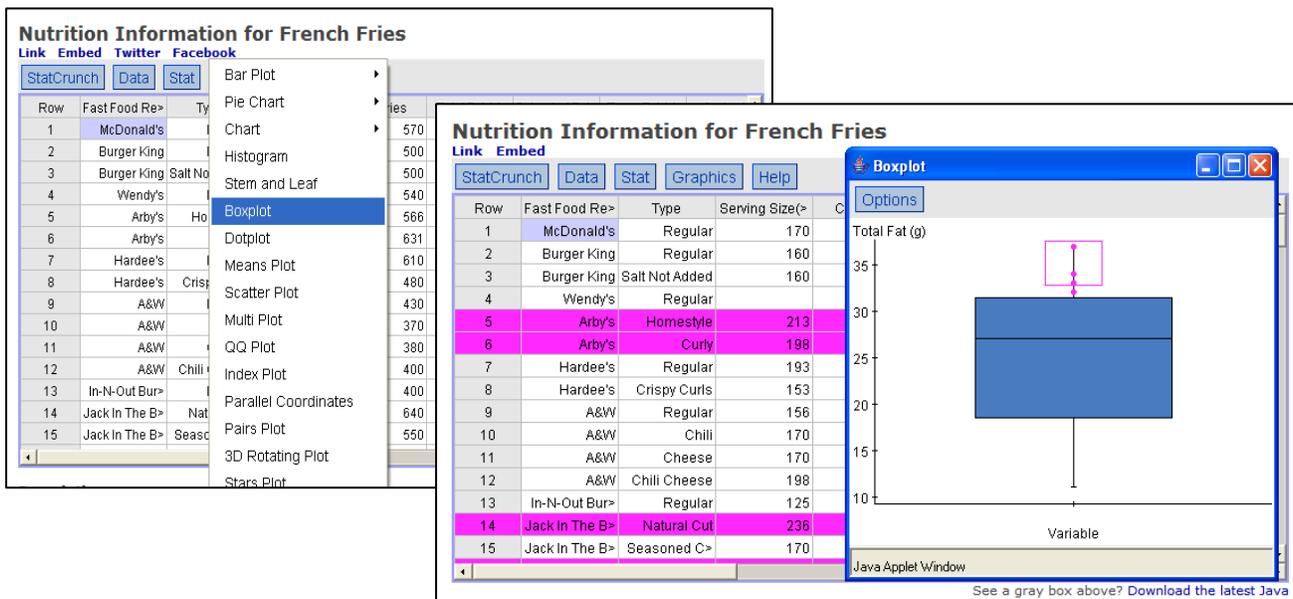
My Surveys
Start collecting data by **creating a new survey**

Physical fitness

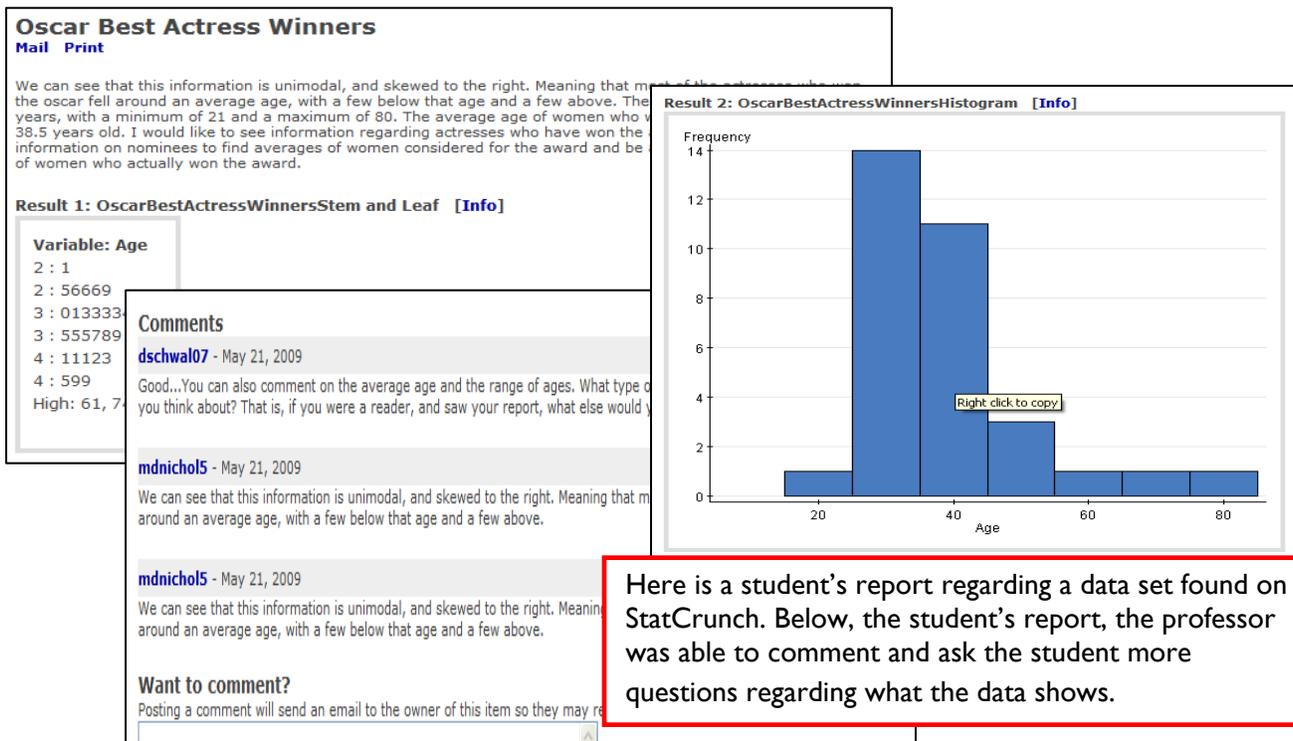
Description:
Submitted by students at Ver

Students can add multiple choice, fill the blank and free response questions. They will be able to send the URL out to anyone or upload the survey to their personal web page, Facebook or Twitter. All the respondents' answers will be loaded into a data set in StatCrunch.

3. **Crunch:** StatCrunch is designed for teaching statistics and allows students to spend less time on creating graphs with its simple user interface and more time on analyzing and interpreting the results. With StatCrunch, the data and graphs talk to each other. You can highlight a portion of the graph and the data connected to this will automatically be highlighted, helping students see the connection very clearly.



4. **Communicate:** With StatCrunch, students are able to easily generate compelling visual reports. Under My StatCrunch, click *My Reports*, and select **creating a new report**. Students will be able to include their results and data sets along with their abstract and discussion all in one report. In addition, StatCrunch has the unique ability to allow users to share data sets and comment on other results. This has excellent classroom uses. By asking students to tag their results (perhaps with the school name), professors can find and comment on the reports and results generated by their students.



Here is a student's report regarding a data set found on StatCrunch. Below, the student's report, the professor was able to comment and ask the student more questions regarding what the data shows.