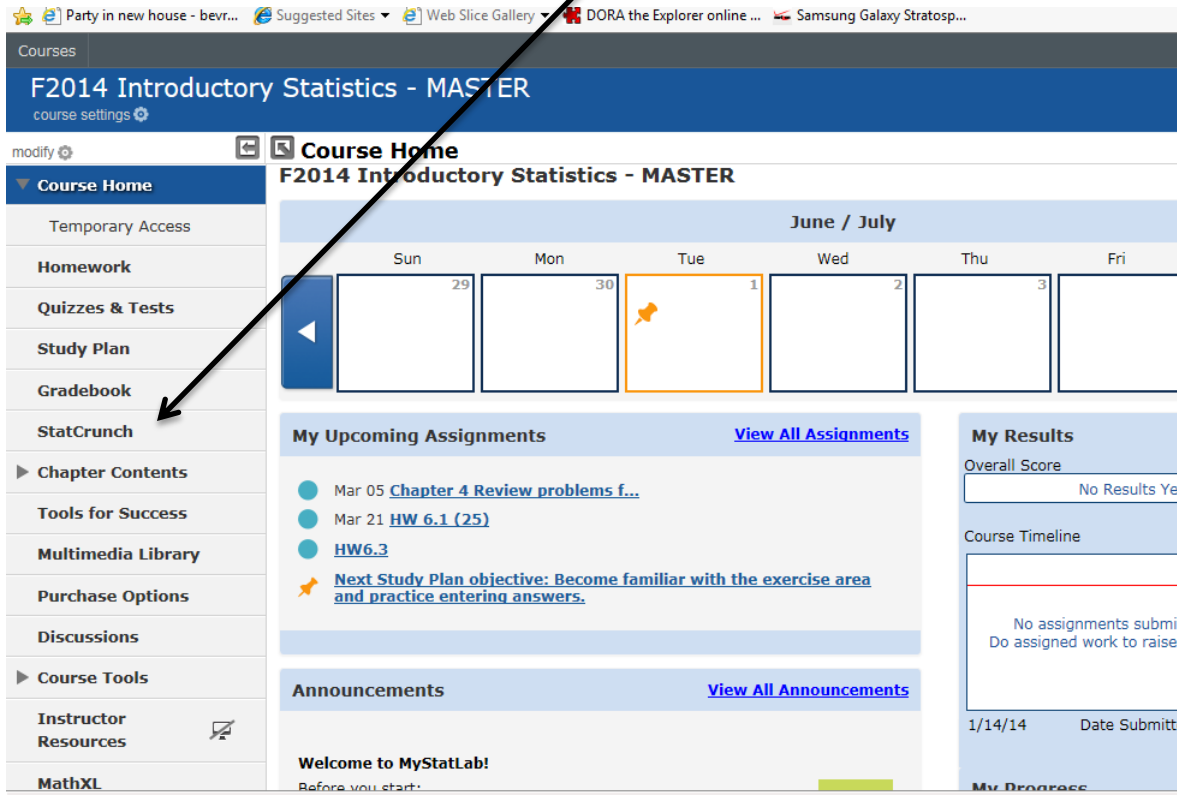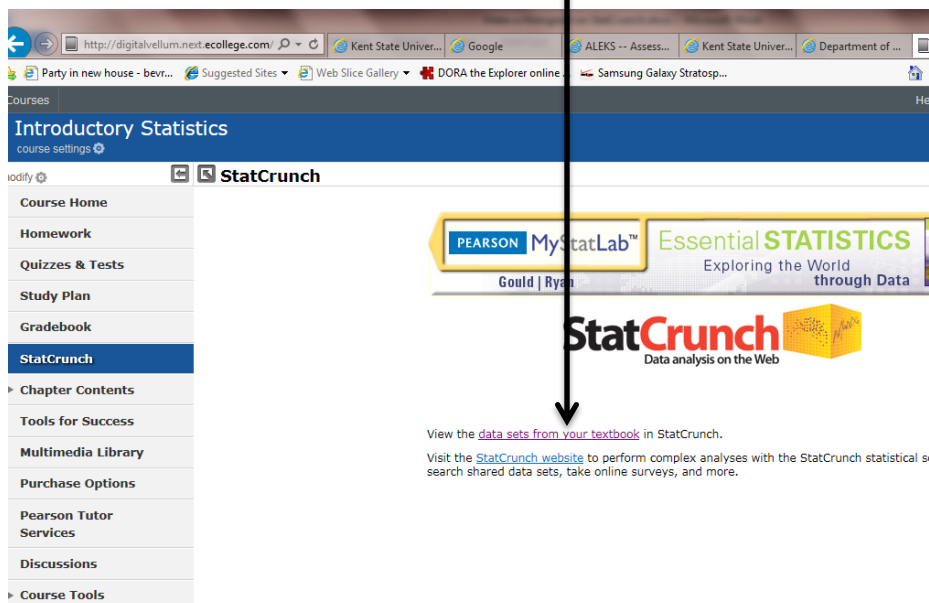# To Make a Histogram on StatCrunch

1. Click on "Stat Crunch" link on the MLP homepage

2. Click on "View the data sets from your textbook" if you want to open a data set from the text. Click on "Stat Crunch Website," then "Open Stat Crunch" if you want to type in your own data. For now choose the first option.

3. Click on whichever chapter's data you are interested in. For now, let's click on "Chapter 2."

4. Click on "Example 6" and the data will be loaded. Alternately, you could type in the data by hand. If you type in the data by hand, you can change the column name by clicking on the old name, such as **var1**, and backspace to remove the old name and type the new name.

5. To make the histogram, click on **Graph** then **Histogram**.

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example02-06.txt

| | | Chapter 2 |
| Data Sets |

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Case Study

Example 6

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h Tips

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Row	gender	height	wtwomistak	weight	age	inroom	smoke	piercings	income	gradschool	circumferen	car
1	f	63	110	110	21		n	2	30000			
2	m	69	170	170	19	150	n	0	75000	y	10000	
3	m	72	180	180	20	65	n	0	25000	y		
4	m	70	177	177	19	120	n	0	100000	y		
5	m	71										
6	f	67	127	127	21	120	n	0	45000	y	3000	
7	m	65	180	180	20	80	n	0	60000	y	26000	
8	f	63	130	130	18	85	n	0		y		
9	m	71	165	165	18	110	y	1	42000	y		
10	m	73	180	180	18	113	n	0	20000	y	34465	
11	m	69	139	139	19	140	y	0	25000	y		
12	m	71	175	175	20	120	n	0	40000	n	800000	
13	f	62	135	135	19	140	n	2	30000		20000	
14	f	63	107	107	20	110	n	5		y	3e9	
15	m	68	133	133	19	180	n	0	30000	yes	42000	
16	f	64	115	115	18	125	110	0	50000	y	925	
17	f	71	150	150	19	175	n	2	25000	y	30000	
18	m	72	140	140	18	110	n	0	50000	y	40000000	
19	f	66	123	1233	19	100	n	2	60000	y	15000	
20	m	70	135	135	18	130	n	0	60000	y	30000	
21	f	64	130	130	18	200	n	2	40000	y		
22	m	74	185	185	18	150	n	0	50000	y		

6. Under **Select Columns**, click the variable for which you want the histogram. Choose **Frequency** or **Relative Frequency** under **Type.** Let Stat Crunch decide upon **Bin Width** and starting point **.** Be sure to type in the labels for your axes under **Graph Properties**.

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| Applets | Edit | Data | **Histogram** | ✕ |

Select column(s):
height
wtwomistake
weight
age
inroom

Where:
--optional-- | Build

Group by:
--optional--

Type:
Frequency

Bins:
Start at: --optional--
Width: --optional--

? | Cancel | Compute!

Sta... | Co... | Sky... | Mi... | Inb... | Ch... | W... | ma... | Do... | ma... | Ma...

7. Click **Compute!**

8. To copy the graph for pasting into a document for submission, click **Options** (located in the upper left corner of the histogram) and **Copy** and then paste it into your document. Follow directions carefully, though, for pasting into a Word document. You need to right-click on the graph and then Paste-Special (Alt+Ctl+V), and paste as **Device Independent Bitmap.**