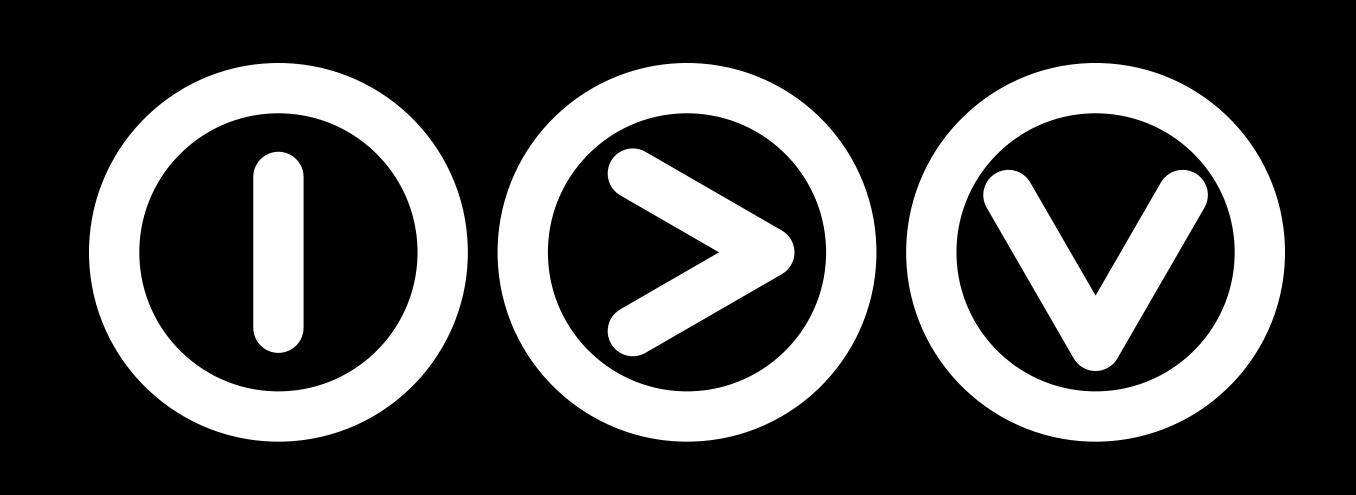
# INTÉRACTIVE DATA VIZ SPRING 16

Today, we will work on our first graded assignment — a quiz that will take the form of your going through several tasks that will mirror the work we have done so far in our "static" unit.



Quiz No. 1	<b>2.</b> Link
Today, we will work on our first graded assignment — a	3. Calc
quiz that will take the form of your going through several tasks that will mirror the work	<b>4.</b> Crea Illustra
we have done so far in our "static" unit.	5. Save

- 6. Add SVG to your new page.
- **7.** Add text in HTML.
- 8. Upload your new pages.

- 1. Create a new page on your site.
  - < to this page from class.html.</pre>
  - culate values in Excel.
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Create a
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s exercise involved creating a graphic in Illustrator, then uploading it to
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rty over time. This exercise involved creating a graphic in Illustrator,
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li><a href="projects.html">Projects</a>
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An investigation into the case reveals that DeLuna may have been innocent of
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lass="logo">IDV<span>460</span>
a href="mailto:stlayton@indiana.edu">stlayton@indiana.edu</a>
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**2.** Link to this page from class.html.

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An investigation into the case reveals that DeLuna may have been innocent of
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lass="logo">IDV<span>460</span>
a href="mailto:stlayton@indiana.edu">stlayton@indiana.edu</a>
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#### 3. Calculate values in Excel.

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26		Malcolm Johnson	41		Black	1 White Female(s)				OK	S	Lethal Inject	_
27		David Duren	37		White	1 White Female(s)				AL	S	Electrocutio	_
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**3.** Calculate values in Excel.

We will use the same database we used for our DeLuna graphics - the execution database from DPIC.

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3		Joseph Shaw	29 m	White	1 White Male(s)1 W				SC	S	Electrocutio	_
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5		Earl Van Denton	47 m	White	2 White Male(s)				AR	S	Lethal Inject	_
6		Keith Wells	31 m	White	1 White Male(s)1 W	/hite Fema	le(s)		ID	w	Lethal Inject	_
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8		Earl Heiselbertz	48 m	White	2 White Female(s)				TX	S	Lethal Inject	_
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12	1/7/99	Ronnie Howard	40 m	Black	1 Asian Male(s)				SC	S	Lethal Inject	ti
13	1/9/01	Eddie Trice	48 m	Black	1 Black Male(s)				OK	S	Lethal Inject	ti
14	1/11/01	Wanda Allen	41 f	Black	1 Black Male(s)				OK	S	Lethal Inject	ti
15	1/9/01	Jack Clark	37 m	White	1 Latino Female(s)				ТХ	S	Lethal Inject	ti
16	1/9/85	Roosevelt Green	28 m	Black	1 White Female(s)				GA	S	Electrocutio	or
17	1/7/88	Robert Streetman	27 m	White	1 White Female(s)				ТХ	S	Lethal Inject	ti
18	1/6/89	George Mercer	44 m	White	1 White Female(s)				MO	м	Lethal Inject	ti
19	1/4/95	Jesse Jacobs	44 m	White	1 White Female(s)				TX	S	Lethal Inject	ti
20	1/4/96	Walter Correll	34 m	White	1 White Male(s)				VA	S	Lethal Inject	ti
21	1/8/97	Kirt Wainwright	30 m	Black	1 White Female(s)				AR	S	Lethal Inject	ti
22	1/10/97	Billy Waldrop	44 m	White	1 White Male(s)				AL	S	Electrocutio	or
23		John Moody	46 m	White	1 White Female(s)				ТХ	S	Lethal Inject	_
24		John Castro	37 m		1 White Female(s)				OK	S	Lethal Inject	_
25		Dobie Williams	38 m	Black	1 White Female(s)				LA	S	Lethal Inject	_
26		Malcolm Johnson	41 m	Black	1 White Female(s)				OK	S	Lethal Inject	_
27		David Duren	37 m	White	1 White Female(s)				AL	S	Electrocutio	_
28		Robert Glock	39 m	White	1 White Female(s)				FL	S	Lethal Inject	_
29		Michael Moore	38 m	White	1 White Female(s)	lan Frank	(-)		TX	S	Lethal Inject	_
30		Jaturun Siripongs	43 m	Asian	1 Asian Male(s)1 As				CA	W	Lethal Inject	_
31		Steven Renfro	40 m	White	1 White Male(s)2 W				TX	S	Lethal Inject	_
32		Sean Sellers	29 m	White	2 White Male(s)1 W	nite Fema	ie(s)		OK	S	Lethal Inject	_
33		Harold Barnard	51 m	White	1 Asian Male(s)				TX	S	Lethal Inject	_
34 35		Michael Roberts	41 m	Black	1 Black Female(s)				OK	S	Lethal Inject	_
		Michael Owsley	40 m	Black	1 Black Male(s)				MO	M	Lethal Inject	_
36 37		Jeffrey Motley	29 m	White	1 Latino Female(s)				TX	S	Lethal Inject	_
37		George Cordova	39 m	Latino	1 Latino Male(s)				TX TX	5	Lethal Inject	_
38		Adolph Hernandez	50 m	Latino	1 Latino Female(s)					5	Lethal Inject	_
22		John Elliott	42 m	Latino	1 Latino Female(s)				ТХ	S	Lethal Inject	u i
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**3.** Today, you will use this data to create a *new* visualization — information we have not used before in creating DeLuna graphics.

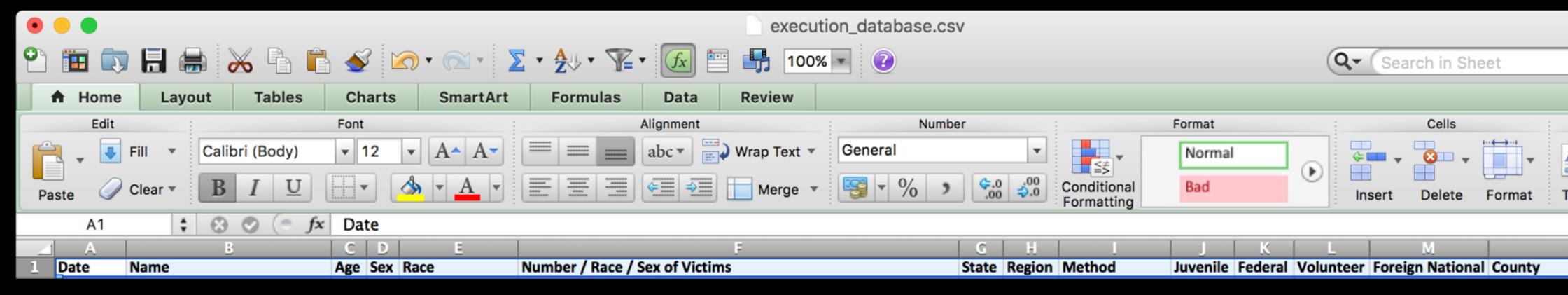
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2		James Roach		m	White	1 White Male(s)1 W				
3		Joseph Shaw		m	White	1 White Male(s)1 W	hite Female(s)			
4		Paul Ruiz		m	Latino	2 White Male(s)				
5		Earl Van Denton	47		White	2 White Male(s)				
6		Keith Wells		m	White	1 White Male(s)1 W	hite Female(s)			
7		Douglas Thomas		m	White	2 White Male(s)				
8 9		Earl Heiselbertz		m	White White	2 White Female(s)				
10		Westley Dodd David Martin		m m	White	3 White Male(s) 2 White Male(s)2 W	(hito Fomalo(s)			
11		James Johnson		m	White					
12		Ronnie Howard	40		Black	2 White Male(s)2 White Female(s) 1 Asian Male(s)				
13		Eddie Trice		m	Black	1 Black Male(s)				
14		Wanda Allen	41		Black	1 Black Male(s)				
15		Jack Clark		m	White	1 Latino Female(s)				
16		Roosevelt Green			Black	1 White Female(s)				
17		Robert Streetman	28 m Black 27 m White			1 White Female(s)				
18		George Mercer		m	White	1 White Female(s)				
19		Jesse Jacobs		m	White	1 White Female(s)				
20		Walter Correll		m	White	1 White Male(s)				
21		Kirt Wainwright	30	m	Black	1 White Female(s)				
22	1/10/97	Billy Waldrop	44	m	White	1 White Male(s)				
23	1/5/99	John Moody	46	m	White	1 White Female(s)				
24		John Castro	37	m	Native American	1 White Female(s)				
25	1/8/99	Dobie Williams	38	m	Black	1 White Female(s)				
26	1/6/00	Malcolm Johnson	41	m	Black	1 White Female(s)				
27		David Duren		m	White	1 White Female(s)				
28		Robert Glock		m	White	1 White Female(s)				
29		Michael Moore		m	White	1 White Female(s)				
30		Jaturun Siripongs	43		Asian	1 Asian Male(s)1 As				
31		Steven Renfro		m	White	1 White Male(s)2 W				
32		Sean Sellers		m	White	2 White Male(s)1 W	/hite Female(s)			
33		Harold Barnard		m	White	1 Asian Male(s)				
34		Michael Roberts		m	Black	1 Black Female(s)				
35		Michael Owsley		m	Black	1 Black Male(s)				
36		Jeffrey Motley		m	White	1 Latino Female(s)				
37		George Cordova	39 m Latino 1 Latino Male(s)							
38		Adolph Hernandez John Elliott	50 m     Latino     1 Latino Female(s)       42 m     Latino     1 Latino Female(s)							
39	2/4/03		-	· · · ·	Latino	1 Latino Female(s)				
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**3.** Today, you will use this data to create a *new* visualization — information we have not used before in creating DeLuna graphics.

## You have a choice as to what you want to create based on this data.

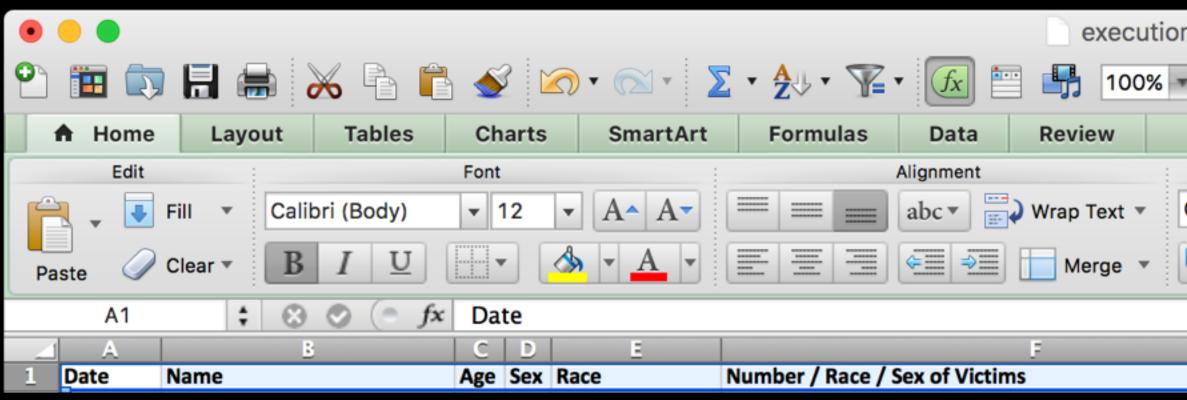
Here are a few possibilities:

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		Name	Age	Sex	Race	Number / Race / Se				
2		James Roach		m	White	1 White Male(s)1 W				
3		Joseph Shaw		m	White	1 White Male(s)1 W	hite Female(s)			
4		Paul Ruiz		m	Latino	2 White Male(s)				
5		Earl Van Denton	47		White	2 White Male(s)				
6		Keith Wells		m	White	1 White Male(s)1 W	hite Female(s)			
7		Douglas Thomas		m	White	2 White Male(s)				
8 9		Earl Heiselbertz		m	White White	2 White Female(s)				
10		Westley Dodd David Martin		m m	White	3 White Male(s) 2 White Male(s)2 W	(hito Fomalo(s)			
11		James Johnson		m	White					
12		Ronnie Howard	40		Black	2 White Male(s)2 White Female(s) 1 Asian Male(s)				
13		Eddie Trice		m	Black	1 Black Male(s)				
14		Wanda Allen	41		Black	1 Black Male(s)				
15		Jack Clark		m	White	1 Latino Female(s)				
16		Roosevelt Green			Black	1 White Female(s)				
17		Robert Streetman	28 m Black 27 m White			1 White Female(s)				
18		George Mercer		m	White	1 White Female(s)				
19		Jesse Jacobs		m	White	1 White Female(s)				
20		Walter Correll		m	White	1 White Male(s)				
21		Kirt Wainwright	30	m	Black	1 White Female(s)				
22	1/10/97	Billy Waldrop	44	m	White	1 White Male(s)				
23	1/5/99	John Moody	46	m	White	1 White Female(s)				
24		John Castro	37	m	Native American	1 White Female(s)				
25	1/8/99	Dobie Williams	38	m	Black	1 White Female(s)				
26	1/6/00	Malcolm Johnson	41	m	Black	1 White Female(s)				
27		David Duren		m	White	1 White Female(s)				
28		Robert Glock		m	White	1 White Female(s)				
29		Michael Moore		m	White	1 White Female(s)				
30		Jaturun Siripongs	43		Asian	1 Asian Male(s)1 As				
31		Steven Renfro		m	White	1 White Male(s)2 W				
32		Sean Sellers		m	White	2 White Male(s)1 W	/hite Female(s)			
33		Harold Barnard		m	White	1 Asian Male(s)				
34		Michael Roberts		m	Black	1 Black Female(s)				
35		Michael Owsley		m	Black	1 Black Male(s)				
36		Jeffrey Motley		m	White	1 Latino Female(s)				
37		George Cordova	39 m Latino 1 Latino Male(s)							
38		Adolph Hernandez John Elliott	50 m     Latino     1 Latino Female(s)       42 m     Latino     1 Latino Female(s)							
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Here are a few possibilities:

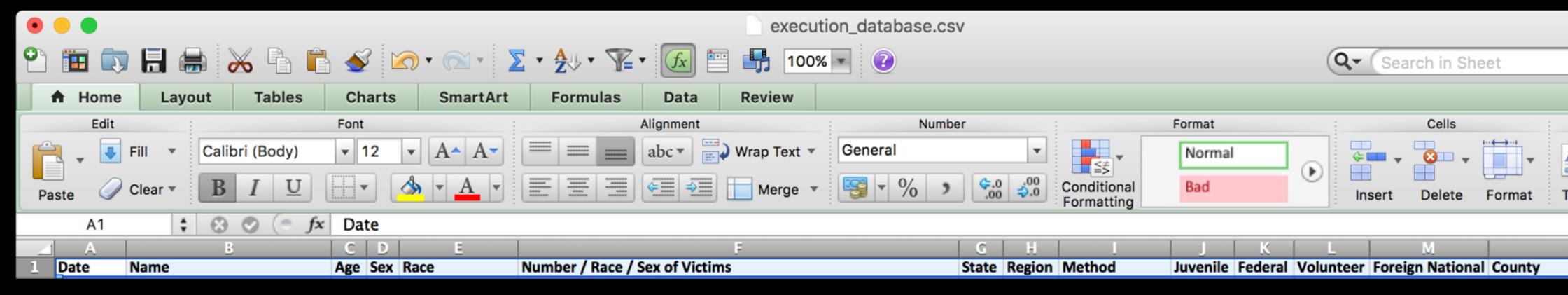
 Demographics: Comparison of executed prisoners based on their age, sex or race



Here are a few possibilities:

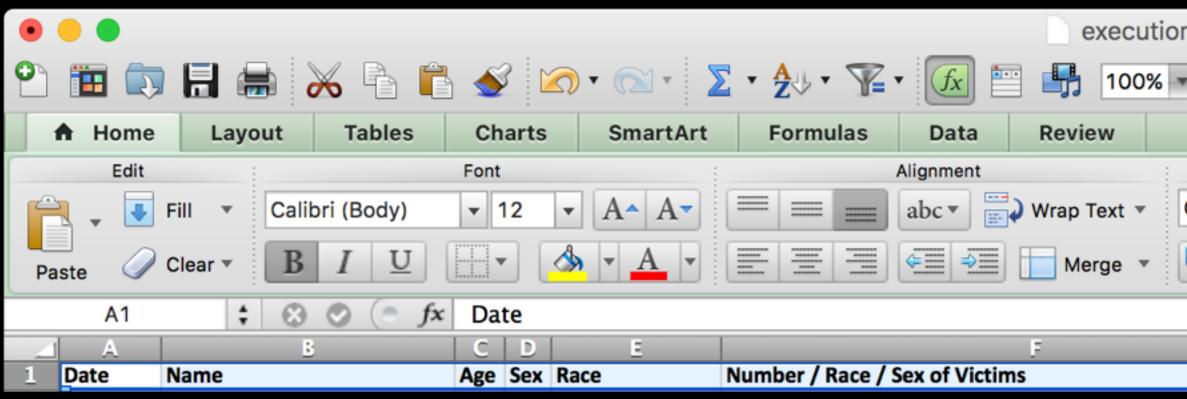
 State totals: Ranking of death penalty states, from those with the most executions to the least.

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Here are a few possibilities:

Annual totals: Year-by-year frequency of the death penalty in the US.



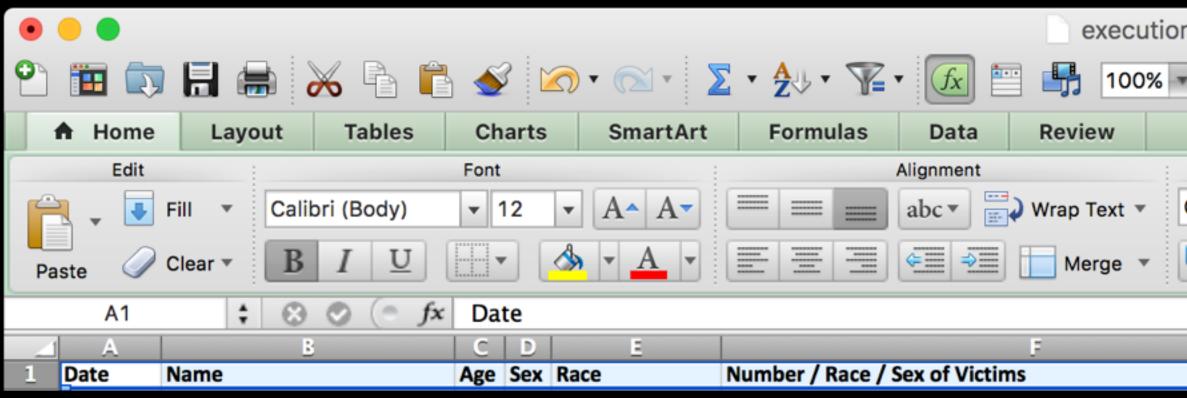
Here are a few possibilities:

Date breakdowns: In what month do the most executions occur?

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Juvenile Federal Volunteer Foreign National County

State Region Method



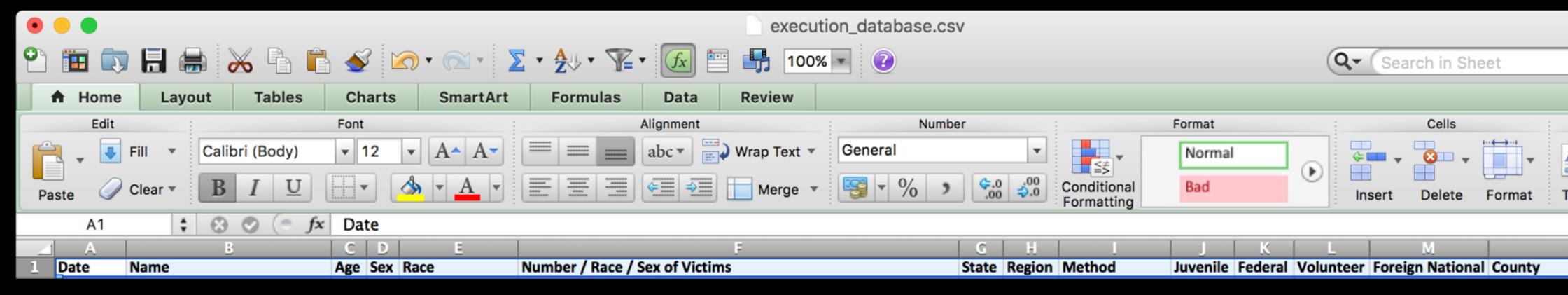
Here are a few possibilities:

 Breakdown by method: Totals for methods of execution, possibly as a comparison by range of years.

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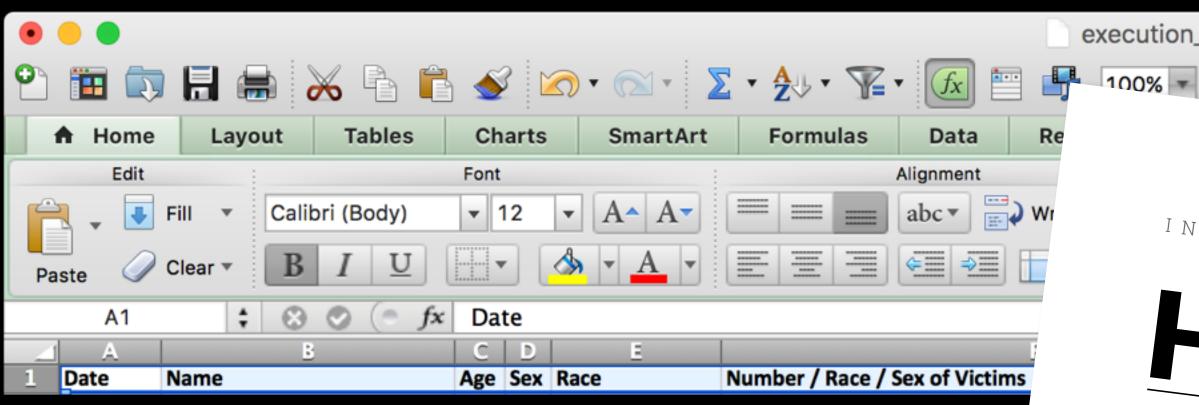
Juvenile Federal Volunteer Foreign National County

State Region Method



Here are a few possibilities:

 Breakdown by region: In what section of the country do most executions occur? Has this changed over time?

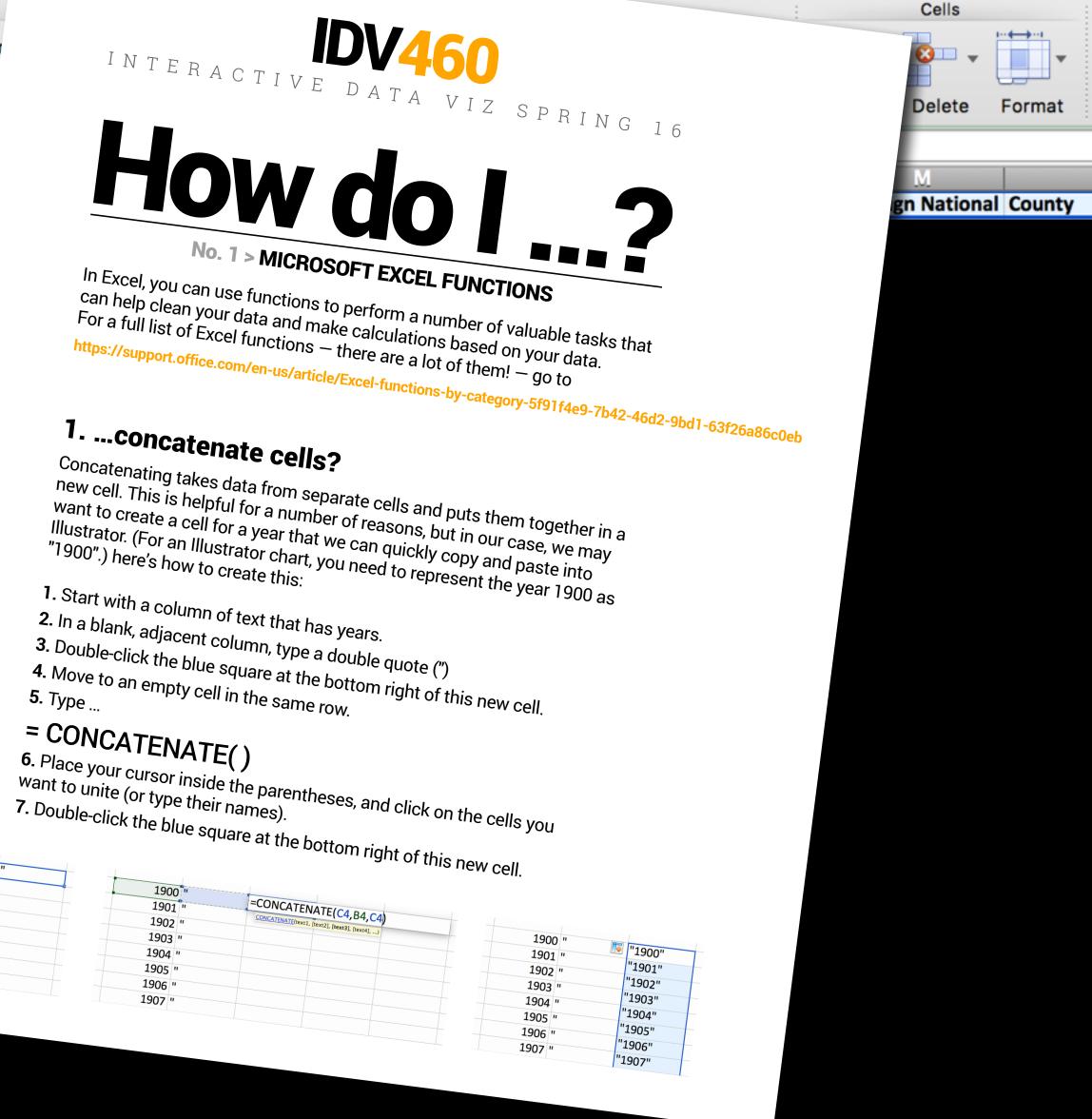


Each of these graphics will require some level of "number crunching" in Excel. There is a new handout available on our Links page that you can use as reference to help you with this.

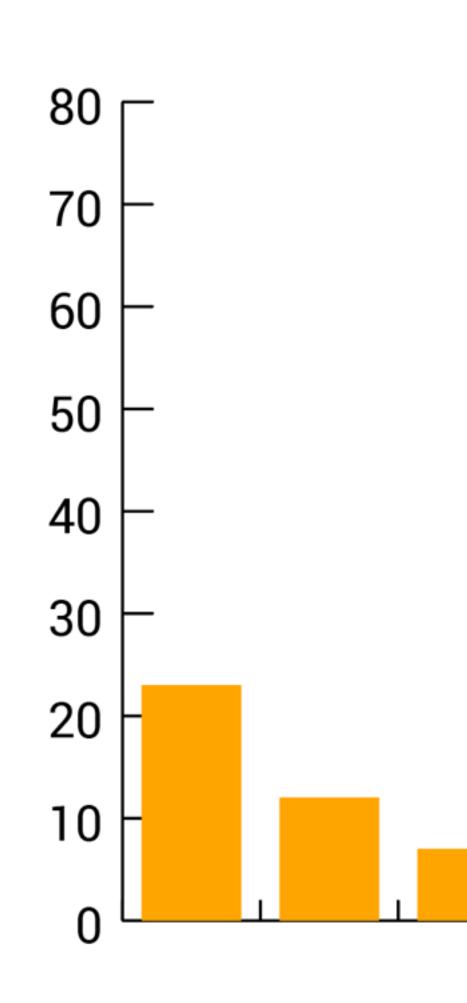
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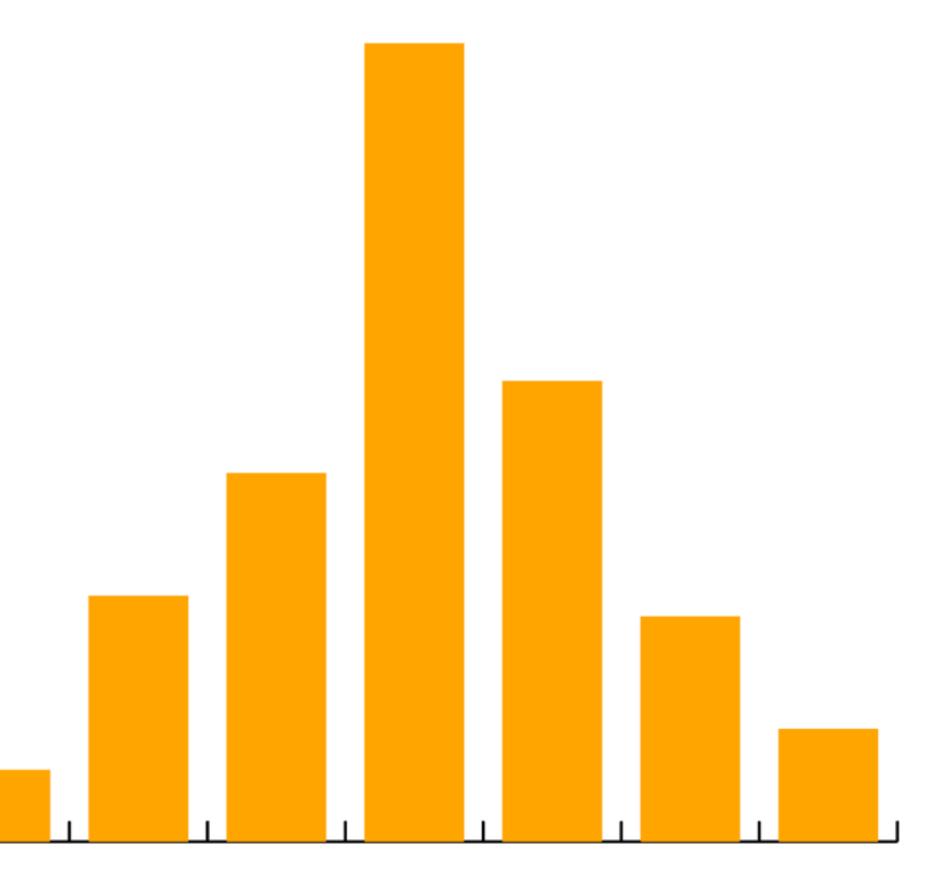


Q-Search in Sheet



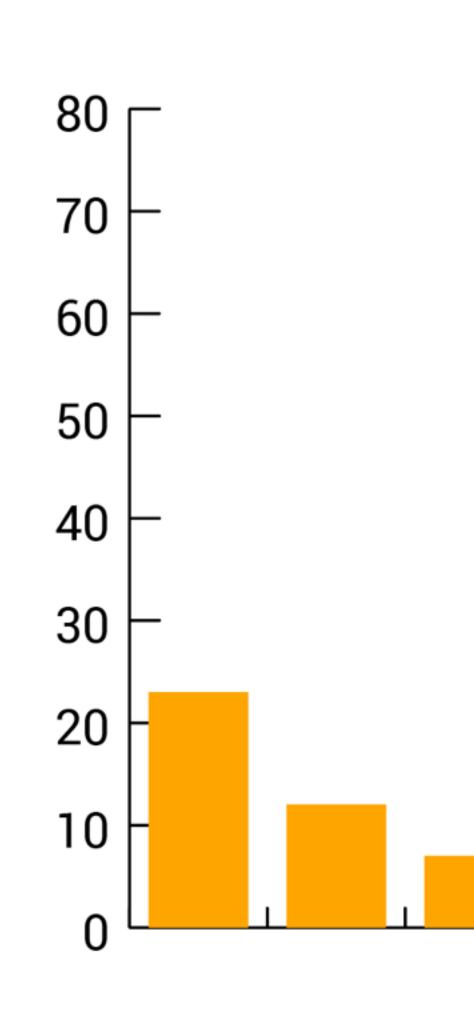
**4.** Create an informational graphic in Illustrator.

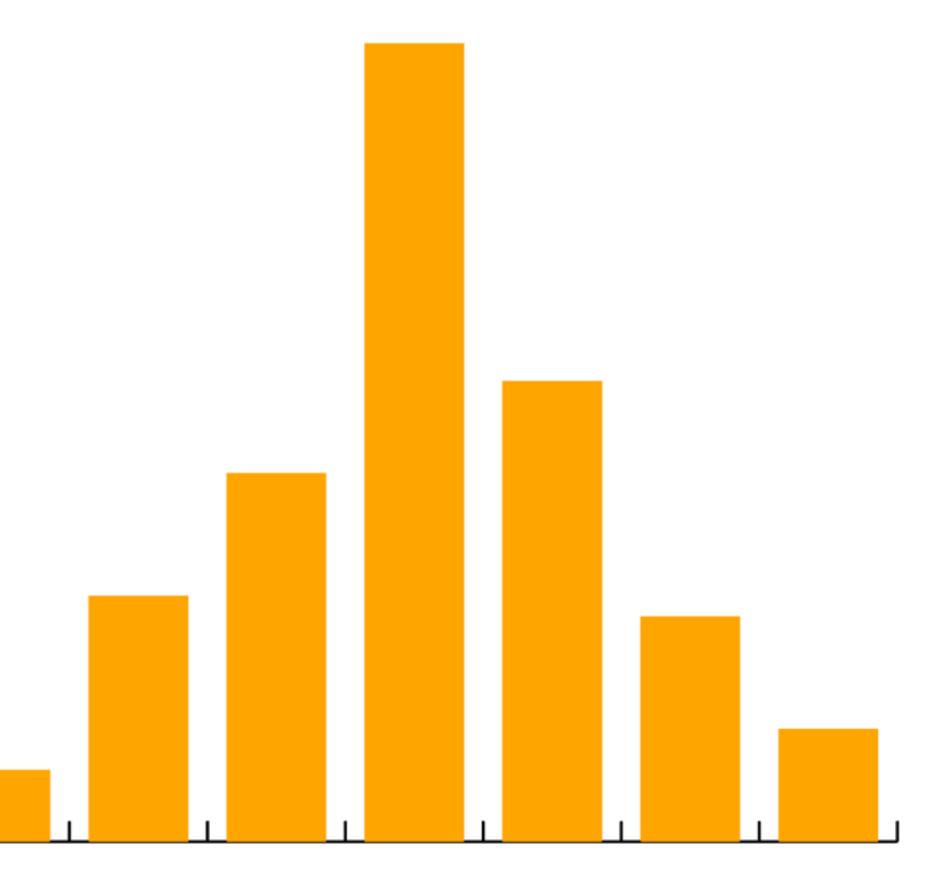




**4.** Create an informational graphic in Illustrator.

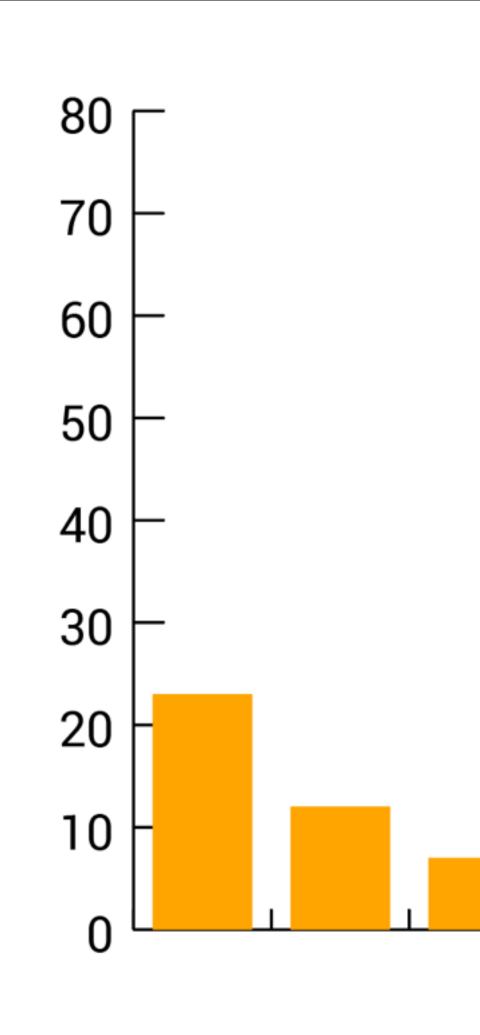
Create a chartbased graphic from your data bar, line, pie or other — your choice, depending on your information.

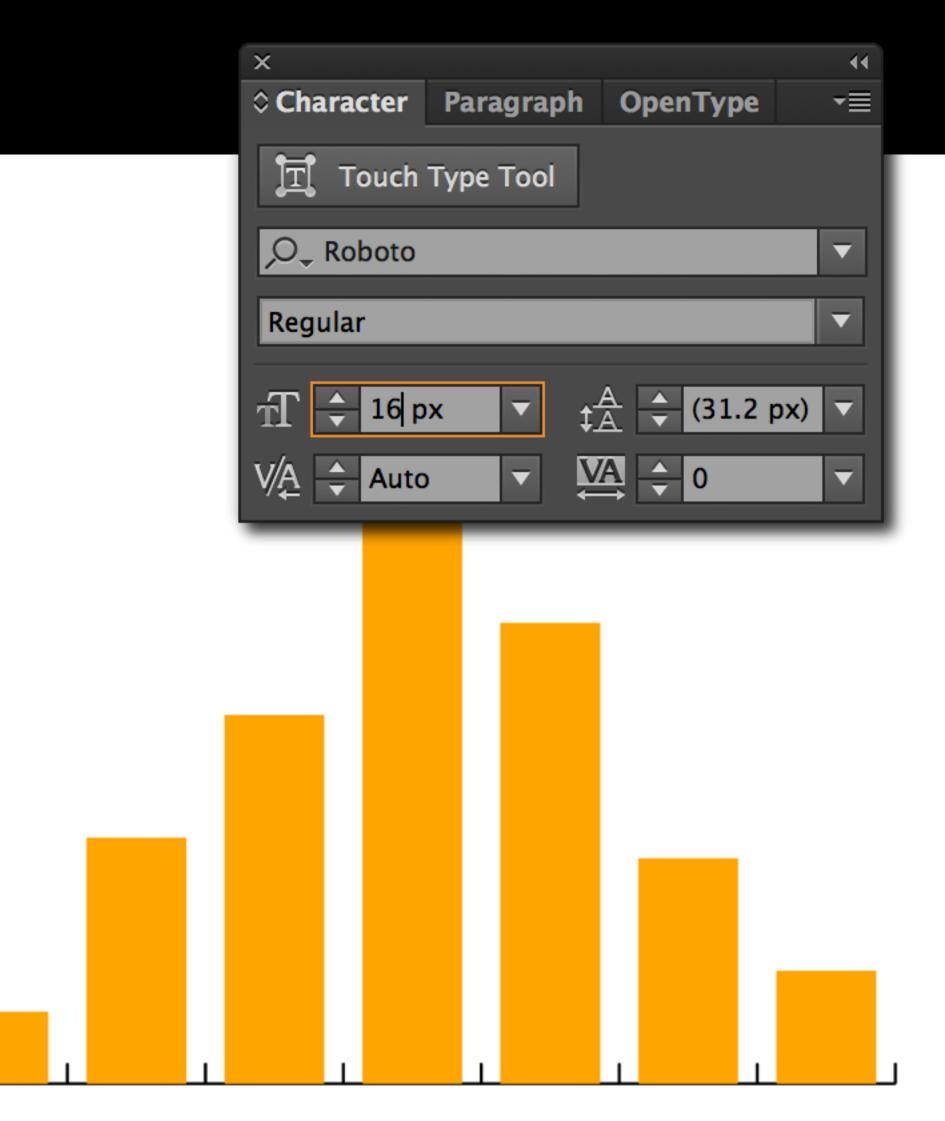




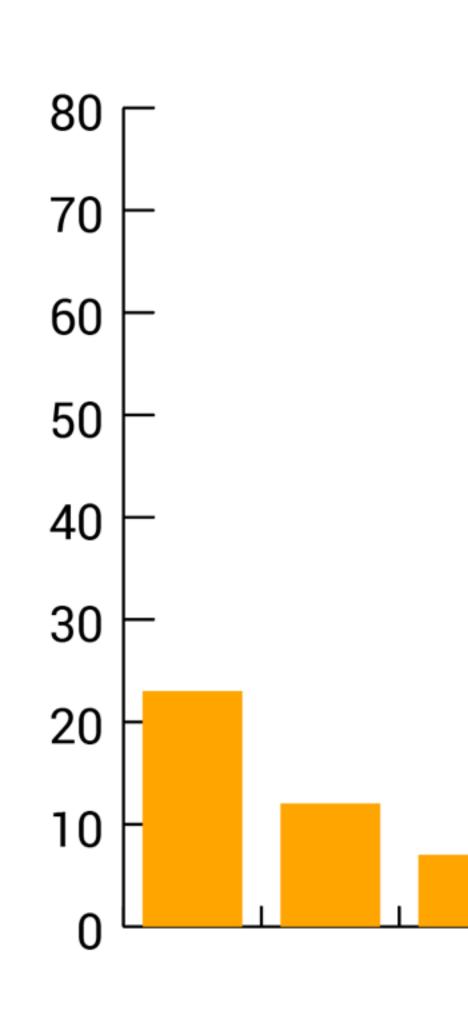
**4.** Create an informational graphic in Illustrator.

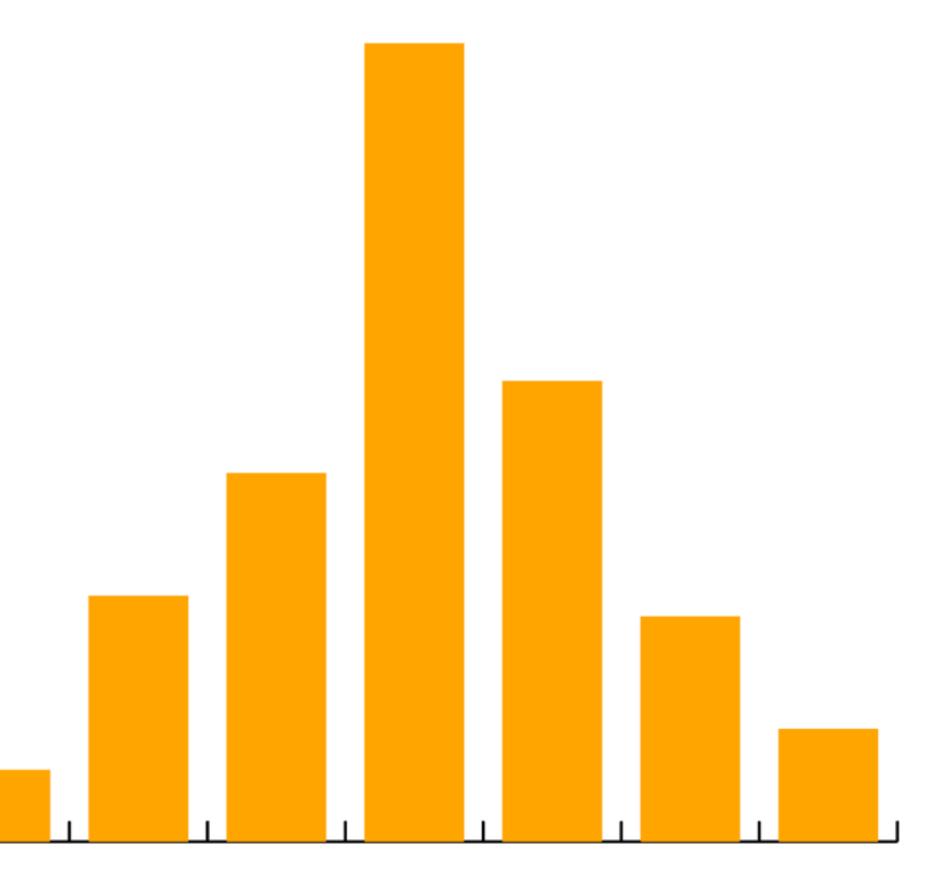
Use your typefaces – the ones in your site design – at correct web sizes. Make the graphic 600px wide at least, but it can be more if you need it to be.





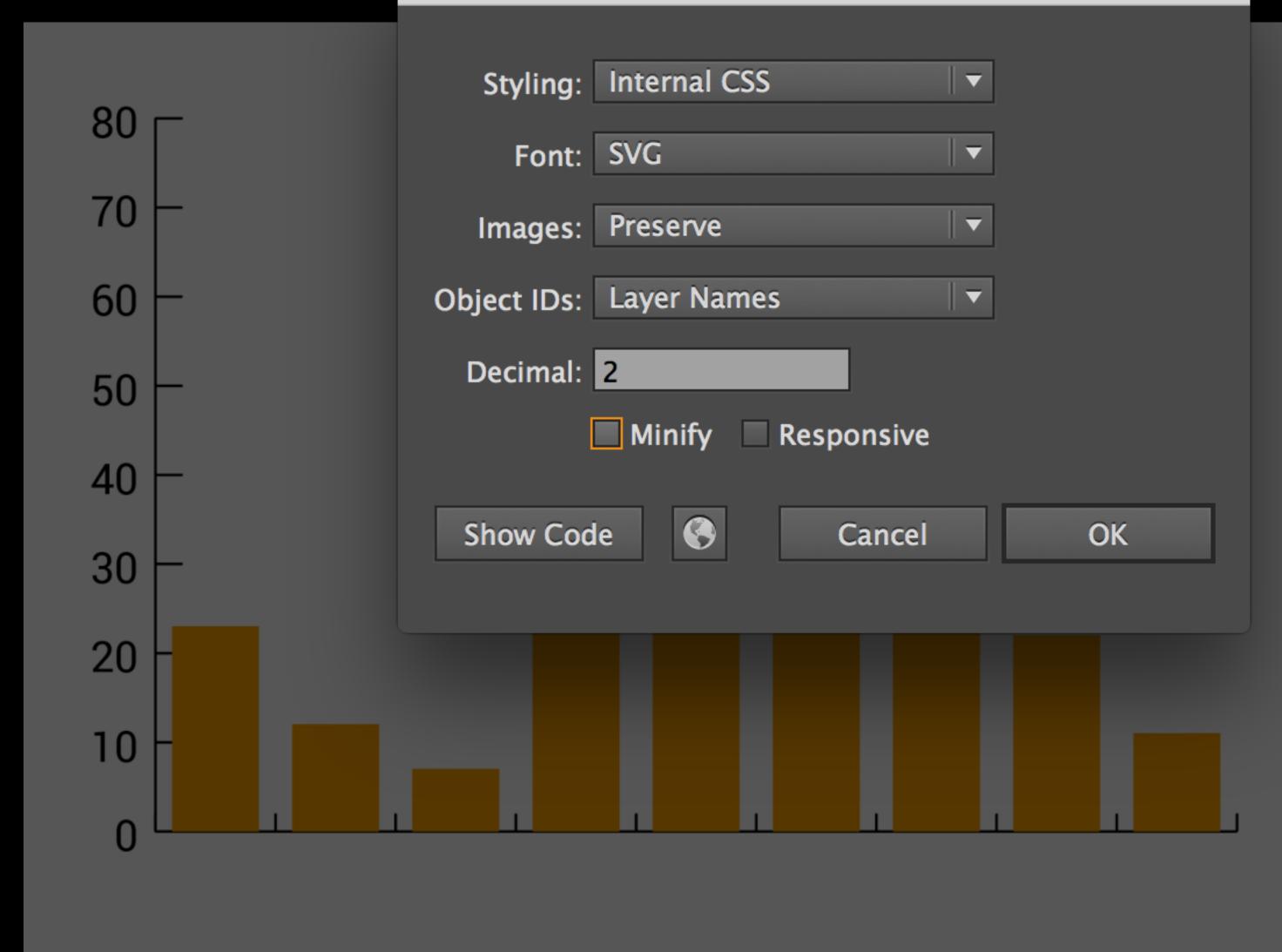
# **5.** Save in SVG format.





**5.** Save in SVG format.

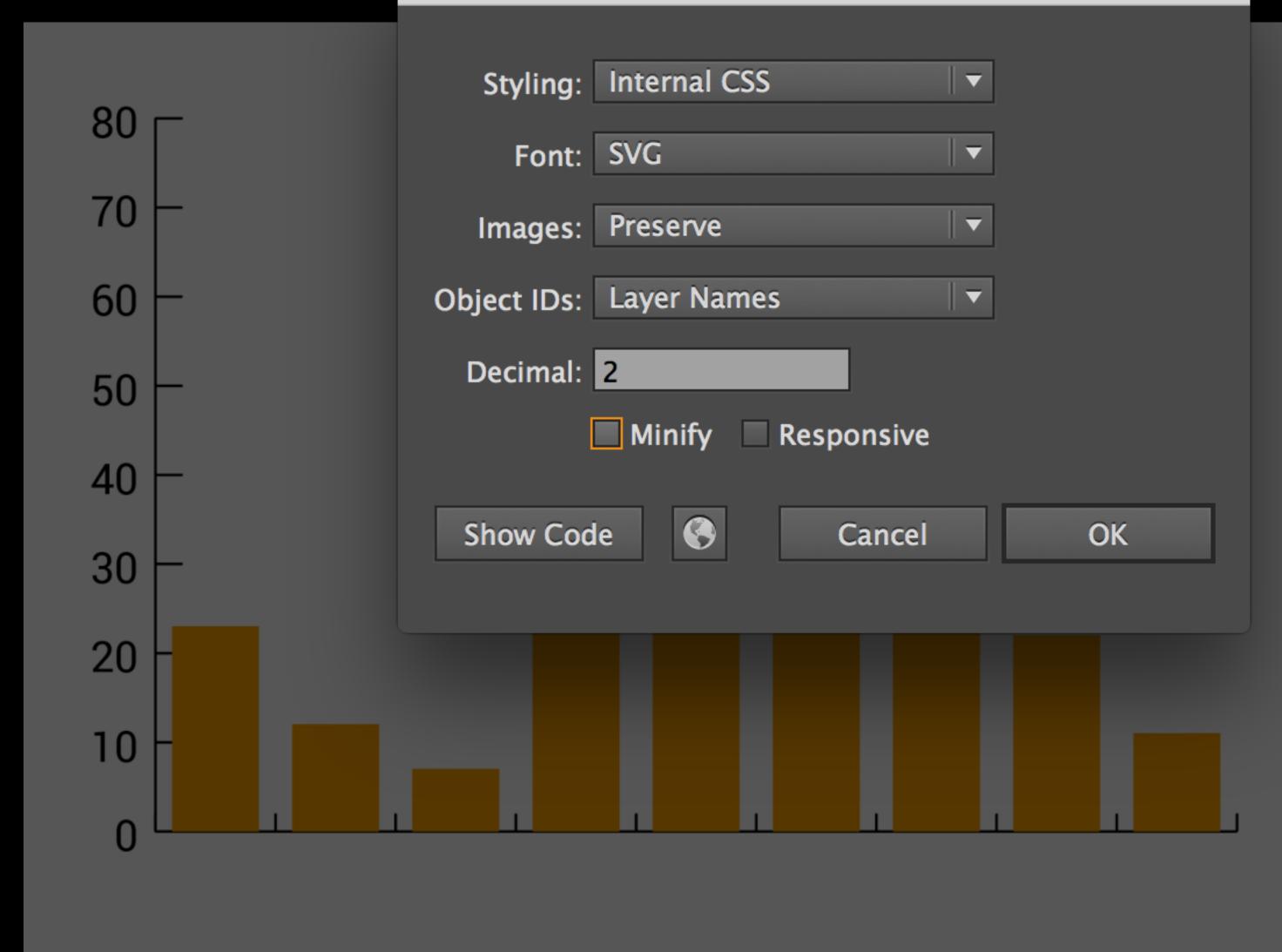
You can Save As... or, better yet, choose the Export function. (Make sure to deselect the "Minify' box.)



#### **SVG Options**

**5.** Save in SVG format.

You can Save As... or, better yet, choose the Export function. (Make sure to deselect the "Minify' box.)



#### **SVG Options**

# **6.** Add SVG to your new page.

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t="463.91" viewBox="0 0 1451.17 463.91">
efs>
style>
 .cls-1, .cls-7 {
  font-size: 15px;
  fill: #231f20;
 }
 .cls-1 {
   font-family: Arial;
 }
 .cls-2, .cls-3, .cls-6 {
  fill: none;
   stroke: #000;
   stroke-miterlimit: 10;
 }
 .cls-2, .cls-3 {
   stroke-linecap: round;
 }
 .cls-3 {
   stroke-dasharray: 0 3;
 }
 .cls-4 {
   fill: #f37c20;
 }
 .cls-5 {
   letter-spacing: -1px;
 }
 .cls-7 {
   font-family: Myriad Pro;
 }
/style>
efs>
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**6.** Add SVG to your new page.

Open the SVG code in Text Wrangler, copy it, and paste into your <main> tag on the quiz1.html page.

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  fill: #231f20;
}
.cls-1 {
  font-family: Arial;
}
.cls-2, .cls-3, .cls-6 {
  fill: none;
  stroke: #000;
  stroke-miterlimit: 10;
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.cls-2, .cls-3 {
  stroke-linecap: round;
}
.cls-3 {
  stroke-dasharray: 0 3;
}
.cls-4 {
  fill: #f37c20;
}
.cls-5 {
  letter-spacing: -1px;
3
.cls-7 {
  font-family: Myriad Pro;
}
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# **7.** Add text in HTML.

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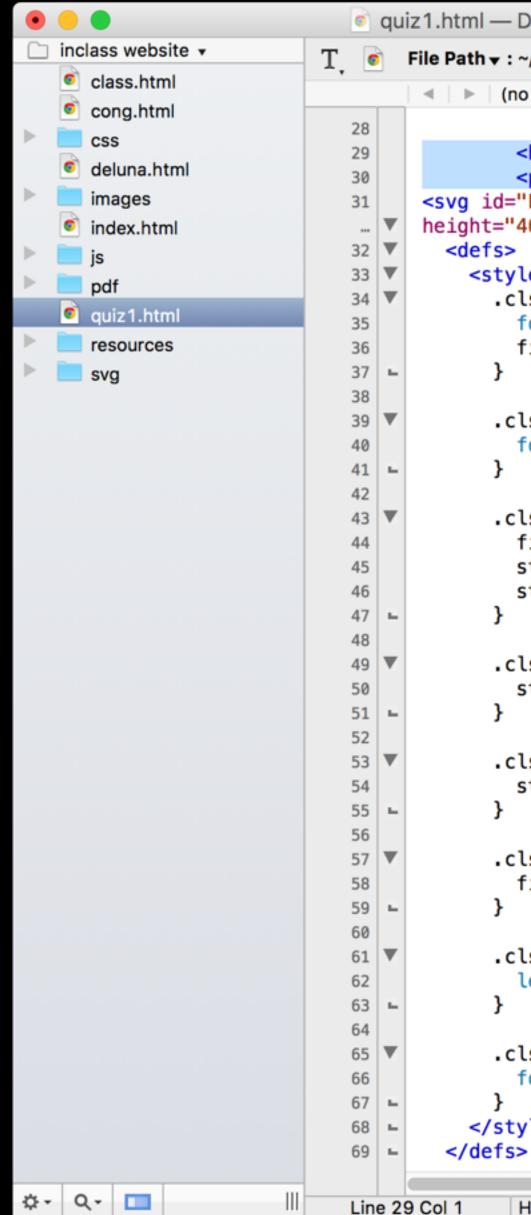
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```
<h1>My death penalty graphic headline</h1>
  The explainer for your graphic should go here.
id="Layer_1" data-name="Layer 1" xmlns="http://www.w3.org/2000/svg" width="1451.17"
t="463.91" viewBox="0 0 1451.17 463.91">
efs>
style>
.cls-1, .cls-7 {
  font-size: 15px;
  fill: #231f20;
}
 .cls-1 {
   font-family: Arial;
}
 .cls-2, .cls-3, .cls-6 {
  fill: none;
  stroke: #000;
   stroke-miterlimit: 10;
}
 .cls-2, .cls-3 {
  stroke-linecap: round;
}
 .cls-3 {
  stroke-dasharray: 0 3;
}
.cls-4 {
  fill: #f37c20;
}
.cls-5 {
   letter-spacing: -1px;
}
.cls-7 {
   font-family: Myriad Pro;
}
/style>
efs>
```

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**7.** Add text in HTML.

Add an <h1> for your headline, and a tag for your explainer, as well as any other text that is necessary, including, below a source line.



quiz1.html — Disk Browser 4 (inclass website — ~/Desktop/IDV/inclass website)

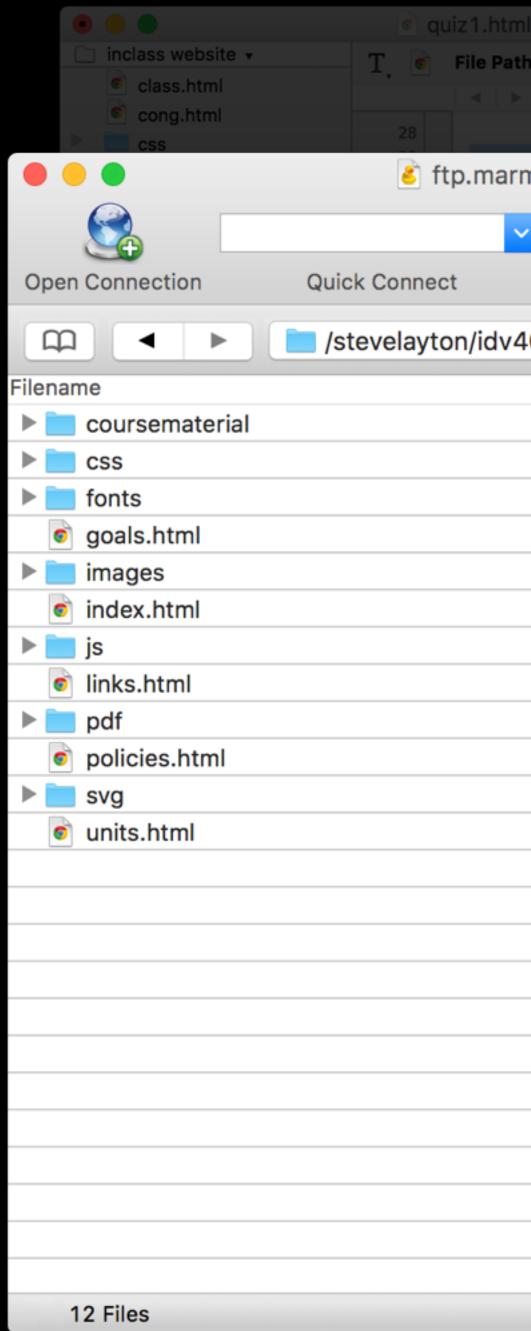
File Path -: ~/Desktop/IDV/inclass website/inclass website/quiz1.html

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```
<h1>My death penalty graphic headline</h1>
        The explainer for your graphic should go here.
<svg id="Layer_1" data-name="Layer 1" xmlns="http://www.w3.org/2000/svg" width="1451.17"</pre>
height="463.91" viewBox="0 0 1451.17 463.91">
    <style>
      .cls-1, .cls-7 {
        font-size: 15px;
        fill: #231f20;
      }
      .cls-1 {
        font-family: Arial;
      3
      .cls-2, .cls-3, .cls-6 {
        fill: none;
        stroke: #000;
        stroke-miterlimit: 10;
      }
      .cls-2, .cls-3 {
        stroke-linecap: round;
      3
      .cls-3 {
        stroke-dasharray: 0 3;
      }
      .cls-4 {
        fill: #f37c20;
      }
      .cls-5 {
        letter-spacing: -1px;
      }
      .cls-7 {
        font-family: Myriad Pro;
      }
    </style>
```

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8. Upload your quiz.html page – and your new version of class.html – to your server, using Cyberduck.



ml — Disk Browser 4 (inclass website		osite)
<ul> <li>(no symbol selected)</li> </ul>		🛷 🗸 🔳 🗸 🗯 🗸
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rmitesoldier.com – FTP	Onregistered	<pre>&gt;&gt; &gt;&gt; &gt;&gt;</pre>
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	2/3/16, 4:52 PM	
	1/11/16, 12:21 AM	
	1/11/16, 12:21 AM	
4.8 KB	1/11/16, 3:35 PM	
	1/11/16, 12:21 AM	
6.4 KB	1/11/16, 3:35 PM	
	1/11/16, 12:21 AM	
10.2 KB	Today, 2:26 PM	
	Today, 2:19 PM	
2.8 KB	1/11/16, 3:35 PM	
	1/11/16, 3:37 PM	
5.6 KB	1/27/16, 3:38 PM	
		16, 3:38:35 PM 📄 100 / 17 / 1 🥢