

# Mini Project 1: Rats of New York

	Excellent	Good	Needs work	Points	Comments
<b>Technical things</b> 20 points	<b>20 19 18 17 16</b> You included all your code and output in an R Markdown document that was converted to PDF or docx. The output in the final document does not include warnings or messages. Figures in the document are the appropriate file type ( <i>i.e. if exported as PDF, embedded figures are vector-based PDFs; if exported as docx, embedded figures are bitmap PNGs</i> ). You included standalone PNG and PDF versions of your final graphic.	<b>15 14 13 12 11 10</b> You included your code and output in an R Markdown document, but the output includes warnings and package loading messages. Figures in the document are not the appropriate file type. You did not include either a PNG or a PDF version of your graphic.	<b>9 8 7 6 5 4</b> You did not include your code in an R Markdown document or correctly export a PNG or PDF version of your final graphic.		
<b>Visual design</b> 13 points	<b>13 12 11 10</b> Your visualization expertly demonstrates the best practices of visual design, including contrast, repetition, alignment, proximity, color, typeface choice, and is generally easy for your audience to understand.	<b>9 8 7 6</b> Your visualization generally demonstrates best practices of visual design. There may be some elements of the visualization that may be confusing to your audience.	<b>5 4 3 2</b> Your visualization generally lacks best practices of visual design. Elements of the visualization are confusing to your intended audience.		
<b>Truth &amp; beauty</b> 21 points	<b>21 20 19 18 17 16</b> Your visualization expertly demonstrates a solid understanding of Alberto Cairo's five qualities of great visualizations and is truthful, functional, beautiful, insightful, and enlightening.	<b>15 14 13 12 11 10</b> Your visualization generally demonstrates an okay understanding of the five qualities of great visualizations and is lacking in some aspects.	<b>9 8 7 6 5 4</b> Your visualization generally lacks any of the five qualities of great visualizations.		
<b>Story</b> 21 points	<b>21 20 19 18 17 16</b> Your visualization explores a deeper story in the raw data. You provide specific explanations of your design choices and demonstrate a deep understanding of the needs of your audience.	<b>15 14 13 12 11 10</b> Your visualization explores a slightly more complicated story. Your explanations of design choices are cursory and demonstrate an okay understanding of the needs of your audience.	<b>9 8 7 6 5 4</b> Your visualization does not tell a compelling story. Your description offers only surface-level insights into your design choices and audience.		
<b>Total</b> 75 points					