Present a story Video: Welcome to week 4 Follow-along guide: Work with Tableau, Reading: Tableau Public overview Part 1 Video: The visualization life cycle5 min Discussion Prompt: Choose a data visualization type
10 min This document includes detailed instructions for how to perform the data visualizations described in the video "Work with Tableau, Part 1." Reading: Follow-along instructions:
 Data visualizations and The following guide points out areas of the video that may require adjustment. These reference guides can also serve as a set of usability reminders for you to recall when using Tableau in your future career. Reading: Follow-along guide: Work • Go to https://public.tableau.com/s/ LZ with Tableau, Part 1 Log in to your account. Video: Work with Tableau, Part 1 6 min • Go to My Profile at top right of Tab Public homepage. • Under Vizzes, select Create a Viz. Reading: How to sign on to Tableau $\bullet \quad \text{Select Upload from computer}. \text{ Select the appropriate CSV file provided in the } \underline{\text{instructions}} \quad \underline{\mathbb{Z}}.$ (Note: Please allow several minutes for data upload into Tableau Public.) Practice Quiz: Test your knowledge: Notice on the data source tab that you can see all of your column headers and Tableau icons that help you determine 2 questions data types. In this case, you'll see a calendar icon and pound signs indicating numbers or integers. Advanced Tableau □- tableau_main_2009_to_2018 Review: Data visualizations and presentations tableau_main_2009_to_20... • Fields

Type Field Name Physical Table Rem.

Date tableau_main_2009... date

Number Of Strikes tableau_main_2009... x_coord

X Coord tableau_main_2009... x_coord

Y Coord tableau_main_2009... y_coord • Click on New Worksheet. (Note: Please allow several minutes for data to import into a new worksheet.) Notice the green and blue fields and the gray line dividing them. As you'll remember from the video, blue indicates a discrete field and green indicates a continuous field. The gray line divides the dimensions from the measures, with dimensions above and measures below the line. Drag **Date** into Columns shelf. Data Analytics < ^ Pages atableau_main_2009_to... Sheet 2 🖰 Date
 2009
 2012
 2015
 2018

 Abc
 Abc
 Abc
 Abc
 Abc Measure Names : 0 I # Number Of Strikes X Coord Y Coord # tableau_main_2009_to... Detail Tooltip • Click on the drop down menu of the date field. Ensure there is a checkmark next to **Year**. 19_to... Sheet 2 Show Highlighter ∧ Marks T Automatic √ Show Header Color Size Text √ Include in Tooltip _2009_to... Detail Tooltip Standard Gregorian ISO-8601 Week-Based √ Yeak More Drag **Number Of Strikes** to the Row shelf. You've created a line graph. 2009_to... ∇ • V Filters Sheet 2 ^ Marks lames of Strikes ain_2009_to... Click on **Duplicate** worksheet in the toolbar menu. • Click on the dropdown menu in the Marks field. Select Bar. tableau_main_2009_to... ■ Rows SUM(Number Of Strik... ₹ . ables Date ∧ Marks ✓ Automatic bc Measure Names 45M # Number Of Strikes D X Coord
D Y Coord
tableau_main_2009_to... ∠ Area # Measure Values ☐ Square 35M O Circle Shape ⊤ Text 5.₹ Map ⊕ Pie ब्रु Gantt Bar Click Filters. • Select **Years** when the pop-up window appears. Click Next. Date Filter Field [Date] Select only 2009 and 2018 in the next pop-up window. Click OK. Add labels to the bars by dragging **Number Of Strikes** to the **Label** field. Notice the bars are labeled at the top with total number of strikes for 2009 and 2018. Click **Duplicate** worksheet in the toolbar menu. • Drag **Date** to column shelf. This will automatically divide the number of strikes into quarters. ≡ Rows SUM(Number Of Strik... • Drag **Date** to **Color** square. • Click on the blue drop down arrow of YEAR(Date) in the Color field and select Quarter. (Note: Be sure to save your work to your Tableau Public profile by clicking on "Publish.") Mark as completed

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