Activity 1: Loading Data and Setting Up Relationships

**1. Load cevent.csv, accident.csv, and vehicle.csv files into Tableau.**

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I was able to connect Tableau with my downloads folder, where I had the data and all other tables shown.   
**2. Inspect data types and get familiar with column names and basic details.**

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**3. Join accident.csv and vehicle.csv using STATE, ST\_CASE, and DAY.**

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I wasn’t able to join the csv, and no one in class was either. I tried trouble shooting but did not make progress.   
**4. Join cevent.csv with the combined accident\_vehicle table using STATE, ST\_CASE.**

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As I wasn’t able to join, I just added cevent.csv to the end of the vehicle.csv as follows:



**Activity 2: Creating Basic Visualizations**

1. Drag STATE or STATENAME to Columns.

  
2. Drag ST\_CASE to Rows (use Count aggregate function).

  
3. Use the ROUTENAME column (from accident.csv).

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4. Use ST\_CASE to show the count of accidents, and set it to distinct count.

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5. Use the YEAR and MONTHNAME fields from accident.csv.

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This didn’t really make sense to me. I wish the directions had been more clear- use Year and Month how? To do what?

6. Set ST\_CASE to count distinct for a count of accidents.

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**Activity 4: Building an Interactive Dashboard**

1. Add previous worksheets (accidents by state, fatalities by state, accident trends) to the dashboard.
2. Arrange them in a layout that provides a high-level overview of accident data.

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1. Add filters for STATE, MONTHNAME, and ROUTENAME.
2. Set the STATE filter to apply to all sheets in the dashboard.

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1. Practice using the "Use as Filter" option on specific charts (e.g., allowing users to click on a state in the bar chart and filter the other views accordingly).