

WORKSHOP 4

Q1. How many rows and fields does your data have?

ANS: ROWS: 23185
FIELDS: 12

Q2. List the names and data types of each of the columns?

ANS: Year	Number[whole]
Date Of Incident	Date
Route	String
Operator	String
Group Name	String
Bus Garage	String
Borough	String
Injury Result Description	String
Incident Event Type	String
Victim Category	String
Victims Sex	String
Victims Age	String

Q3. What story do you think data might be able to tell? Pick 2 questions that you can answer from the data (Hint: Recall lessons from big idea worksheet. Who is your audience? What is the big idea?)

Q1: What are the most common injury results and incident types in London bus safety incidents?

By analyzing the data, we can help identify the types of injuries and incidents that are most prevalent, which can guide safety measures and training for bus operators.

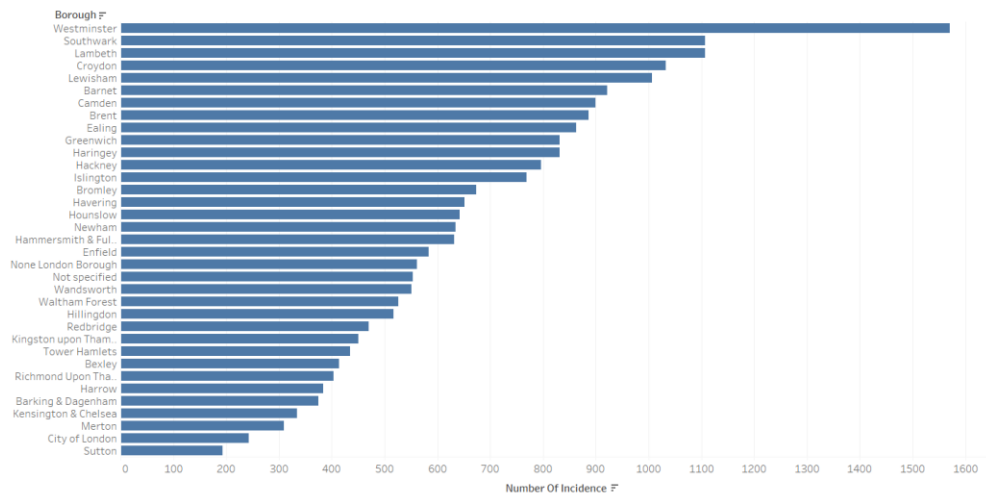
Q2: Are there specific routes, operators, or boroughs with a higher frequency of safety incidents?

By analyzing the data, we can identify specific areas or entities where safety incidents are more common. This information can help authorities and operators focus their efforts on improving safety in these high-risk areas.

Q4. Which Borough has the highest number of incidents? Verify the result using a bar graph.

WESTMINSTER

INCIDENCE BY BOROUGH



Q5. What are the top two types of incidents that cause injuries in the boroughs? Submit bar chart to verify.

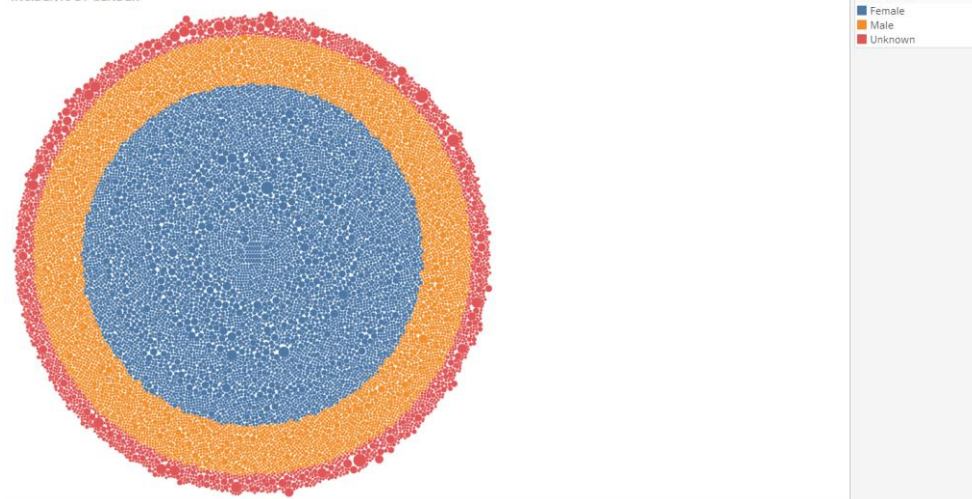
ONBOARD INJURIES

SLIP TRIP FALL

Q6. Which gender is the most affected by accidents? Submit a chart (you can choose or submit packed bubbles) that visually verify your answer.

FEMALE

INCIDENTS BY GENDER



Q7. Publish your dashboard.

<https://prod-ca->

[a.online.tableau.com/#!/site/sahil82764/views/khan_aidi_workshop4/Dashboard1?:iid=1](https://prod-ca-online.tableau.com/#!/site/sahil82764/views/khan_aidi_workshop4/Dashboard1?:iid=1)