Section 3  
The dataset shown above has the incorrect formats cleaned. Grade based on comparison between student dataset and dataset shown above.

Section 4  
The dataset shown above has the categorized values in italics. Grade based on comparison between student dataset and dataset shown above.

Section 5  
The dataset shown above has a new column representing a boolean variable. Grade based on comparison between student dataset and dataset shown above.

Number of times 'Adelie' appeared before cleaning: 146

Number of times other values appeared: 187

# GSB 521 Chapter 3 Assignment

Student Name:

Date:

Selected Dataset: species ... species\_is\_Adelie  
0 Adelie ... True  
1 Adelie ... True  
2 Adelie ... True  
3 Adelie ... True  
4 Adelie ... True  
.. ... ... ...  
328 Chinstrap ... False  
329 Chinstrap ... False  
330 Chinstrap ... False  
331 Chinstrap ... False  
332 Chinstrap ... False  
  
[333 rows x 10 columns]

*Please submit a csv file with the manipulated dataset along with the assignment document.*

here are the plots and here are the variables to use for each plot. please submit a file with these plots added

Here are the plots and the variables to use for each plot. Please submit a file with these plots added.

### Selected Plots and Variables:

1. Histogram — X: island
2. Bar Chart — X: island
3. Violin Plot with a Categorical Variable — X: island, Y: bill\_depth\_mm