Excel Workshop #2 – Worksheet

Data Management:

1. Copy the dataset to a new sheet
2. Rename the new sheet
3. Delete the following columns:
   a. Name
   b. Parch
   c. Ticket
   d. Cabin
4. Create a new variable called "Survived Categorical"

$$=if(B2=0, \text{"No"}, \text{"Yes"})$$

5. Create a new variable called "Pclass Categorical"

$$=ifs(C2=1, \text{"First"}, C2=2, \text{"Second"}, C2=3, \text{"Third"})$$

6. Delete the old variable columns
   a. Survived
   b. Pclass
7. Round fare to nearest cent
8. Sort the entire dataset by class
9. Use conditional formatting to highlight the cells of those who survived

Pivot Tables:

1. Insert a pivot table on a new sheet and use the table to answer the following questions:
   a. How many people survived?

   b. How many people were on the Titanic?

   c. How many people were in second class?

   d. How many females survived?

   e. How many males survived?

   f. How many second-class females survived?

   g. How many 30-year-olds were there on board?

      i. How many survived?

      ii. How many were in the third class?

   h. How many first class 70-year-old males survived?

   i. How many survivors were under 18?

   j. How many males were in first class?