Stephen Re – Activity 19.2

1. Provide a screenshot to show that you successfully created the data folder and downloaded the departuredelays.csv file.  
   A screenshot of a computer

   Description automatically generated
2. Provide a screenshot to show that the Spark Docker *containers* that you created in Activity 19.1 are running.  
   A screenshot of a computer

   Description automatically generated
3. Provide a screenshot to show that you successfully ran the docker cp command to copy the departuredelays.csv file to the Spark Docker *container’s* root folder.  
   A black background with white text

   Description automatically generated
4. Provide a screenshot to show that the departuredelays.csv file has been copied to the root folder.  
   A screen shot of a computer

   Description automatically generated
5. Provide a screenshot to show that you successfully started the PySpark interface.  
   A computer screen shot of a computer program

   Description automatically generated
6. Provide a screenshot to show that you successfully ran the command to create a Spark session.  
   A screen shot of a computer program

   Description automatically generated
7. Provide a screenshot to show that you successfully ran the command to load the departuredelays.csv file into a Python *dataframe*.  
   A screen shot of a computer program

   Description automatically generated
8. Provide a screenshot to show that you successfully ran the SQL *query* and selected the correct columns (distance, origin, and destination).  
   A screen shot of a computer

   Description automatically generated
9. Provide a screenshot to show that you successfully ran the SQL *query* with the correct rows.  
   A screen shot of a computer

   Description automatically generated
10. Provide a screenshot to show that you successfully ran the SQL *query*, categorized the data correctly, selected the correct columns, and showed 10 rows of data.  
    A screenshot of a computer

    Description automatically generated
11. Provide a screenshot to show that you successfully ran the*query*to determine the correct maximum delay for all of the flights in the dataset.  
    A screen shot of a computer

    Description automatically generated
12. Provide a screenshot to show that you successfully ran the *query* to determine the correct minimum delay for all of the flights in the dataset.  
    A screen shot of a computer

    Description automatically generated