**This is a graded discussion: 10 points possible**

**Required Discussion 7.2: Applying Group-Wise Operations Using Pandas : Section B - Megan Silvey**

**Learning Outcomes Addressed**

1. Slice and dice data by applying group-wise operations such as aggregate, filter and apply functions in Pandas

For this week’s required activity, please follow these steps:

* Download the files provided below.
* Complete the questions within the file by applying group-wise operations using Pandas and save the Jupyter Notebook file with your response.
* Select the **Reply** field to open the text field and select **Attach** button on the bottom left corner of the text field.
* Upload the file with your responses and share your thoughts with your peers on the following question:
  + Where and how can you use group-wise operations in your work or business?
* Then, select **Post Reply** to submit your responses to this activity.

It is recommended that you go through your peers' submissions to see the different ways of solving the questions.

**Required Files**

Here are the files you will need to complete this activity:

* **Dataset:**[**babynames.csv**](https://student.emeritus.org/courses/4297/files/2375555/download?wrap=1)[**Download babynames.csv**](https://student.emeritus.org/courses/4297/files/2375555/download?download_frd=1)
* **Jupyter Notebook file with questions: [NUS\_Python for Analytics\_Week 7\_Baby Names Case.ipynb](https://student.emeritus.org/courses/4297/files/2375553/download?wrap=1" \o "NUS_Python for Analytics_Week 7_Baby Names Case.ipynb)**[**Download NUS\_Python for Analytics\_Week 7\_Baby Names Case.ipynb**](https://student.emeritus.org/courses/4297/files/2375553/download?download_frd=1)

**Suggested Time:** 120 minutes