**BI Warm-up Assignment (50 points- 5%)**

1. Download MicroStrategy Desktop ([link (Links to an external site.)Links to an external site.](http://www.microstrategy.com/us/free-trial) to software). Go over the installation steps and MicroStrategy Quick Start guide. Watch the training videos in the units 1 to 5 to complete all the steps in the exercises for this warm-up
2. **Do the following Exercises repeated in Units 2, 3, 4, and 5. Please note: You need to access the tutorial and exercise pages in each unit to download the required files for each exercise.**

* **Unit 2 Exercise 1** – **Offline Dashboards with Advanced Visualizations**. **Access the Exercise 1** - [Offline Dashboard Analysis Exercise documentPreview the document](https://ucdenver.instructure.com/courses/346960/files/3891976/download?verifier=oLbtl20AwDWmtDAy6gJMa8waFhVLplJWXRXoL78v&wrap=1) **(10 points)**

In this exercise, there are three dashboards on which you will be working on and answer the question related to each dashboards in a word file.

**Dashboard 1:** *Fertility Rate and Life Expectancy* – Answer both the questions and also attach the screenshots for both the questions depicting the answers in a word file **(3 points**).  
**Dashboard 2:** *Region and Category Analysis* – Answer the question asked and also attach the screenshot of your dashboard depicting the answer. **(3 points)**  
**Dashboard 3:** *Hawaiian Airline performance* – Answer both the questions and also attach the screenshots for both the questions depicting the answers in a word file **(4 points).**

* **Unit 3: Exercise 2** – **Worldwide Carbon Emissions. Access the Exercise 2 -**[**Worldwide Carbon Emissions Scenario and follow the exercise**](https://ucdenver.instructure.com/courses/346960/files/3891951/download?verifier=gfHZA1Kt7QmdZLmyEsjeaM0hvPGC0VESI0ZsMcaR&wrap=1)**[Preview the document](https://ucdenver.instructure.com/courses/346960/files/3891951/download?verifier=gfHZA1Kt7QmdZLmyEsjeaM0hvPGC0VESI0ZsMcaR&wrap=1). (15 points)**

Follow the exercise and submit following requirements:

* Take a screenshot at the end of step – 19 of the initial introductory exercise.
* Take a screenshot of your dashboard after step – 36 showing the Map visualization
* Take a screenshot of your dashboard at the end of step 14, after adding all the visualizations.

Insert all the screenshots in a word file under Exercise – 2.

**For Extra Credit**At the end of the exercise, there are three questions related to the dashboards, take the screenshots depicting the answers for each questions. Last answer carries 2 points and other two 1 point each. **(4 points)**

* **Unit 4: Exercise 3** - **Business user created dashboard.  Access the Exercise 3 -**[**Business User Created Dashboard for Private Loans**](https://ucdenver.instructure.com/courses/346960/files/3892024/download?verifier=EvnT1g62LdvSDqIEWVWgOjzK5Wueh6RJWhNzONus&wrap=1)**[Preview the document](https://ucdenver.instructure.com/courses/346960/files/3892024/download?verifier=EvnT1g62LdvSDqIEWVWgOjzK5Wueh6RJWhNzONus&wrap=1)** **(15 points)**

Follow the exercise that is available and take a screenshot at the end of Steps – 17, 30, 51 and 63.You can also save the dashboards and use export option to export the image as a PDF.

* **Unit 5- Exercise 4** – **Data Discovery** -**Access the Exercise 4 -**[**Advanced Enterprise Data Discovery- Mobile Analysis**](https://ucdenver.instructure.com/courses/346960/files/3892025/download?verifier=pRomsqr97qcuPSV5M0nrl998LtdBQ5v7KCqmhuzI&wrap=1)**[Preview the document](https://ucdenver.instructure.com/courses/346960/files/3892025/download?verifier=pRomsqr97qcuPSV5M0nrl998LtdBQ5v7KCqmhuzI&wrap=1) (12 point):**

Follow the exercise that is provided and fulfill following requirements:

* At the end of step 11, save your wrangling script and take a screenshot.
* Take a screenshot of the dataset panel on the left at the end of step 24.
* Take a screenshot of the dataset panel showing the new dataset at the end of step 30.
* Take a screenshot of your dashboard at the end of step 34, 43, 57 and 71 each and include the screenshots in your word file.

**Submission:**

* All the screenshots of dashboards related to every exercise needs to be combined in one word file and uploaded to get full points for the assignment.
* For the question of extra credit, while attaching the screenshot in the word file, describe your answer briefly if required.
* For exercises where you have to take the screenshots of your dashboards and paste it in a word document. The instructions for pasting the screenshots can be found below.

**Ways to take screenshot of the dashboards:**

* You can Print Screen. You have noticed the key, somewhere in the upper right part of your keyboard. The one labeled Print Screen or PrtSc. Once you hit the key, open up a word document and use ctrl+v or right click on the document and choose paste.
* You can also take help of Snipping tool available in windows. If you cannot find, type ‘Snipping tool’ in your search box.
* Use Screen Capturing software (e.g., MWSnap freeware: [http://download.cnet.com/MWSnap/3000-2072\_4-10524228.html (Links to an external site.)Links to an external site.](http://download.cnet.com/MWSnap/3000-2072_4-10524228.html)) to include them as .jpg in your word file.

If you have any questions or face any issues please post your question on the Q & A page for the unit.

**NOTE**: **This is individual project**