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**BUS 443 Business Analytics**

**SAS Business Analytics Data Visualization**

This project represents a *collection* of Business Analytics exercises. More than likely, it will take you *at least* two-three hours to complete this collection of assignments. Please plan accordingly.

**Task 1: Demo**

Task 1 is a Hands-On Demo of SAS Visual Analytics (VA): First, open the how-to demo PDF document for this demo by clicking [here.](http://www.sas.com/software/visual-analytics/demos/explore/SAS-Visual-Analytics-Startup-Guide.pdf) (You may choose to print this document or keep it open in a separate window on your device.) Second, access the cloud-based VA software from the SAS website to use with the PDF document, by clicking [here.](http://www.sas.com/software/visual-analytics/demos/full-access.html)

**Task 2: Practice**

Task 2 requires you to practice what you’ve learned with a series of exercises. To do so:

1. Access the Teradata University Network site via this URL: <http://www.teradatauniversitynetwork.com/>.
2. The first time you land on this site, you must register. To do so, click on the Register link. Use this password: ***DataDive***.
3. Familiarize yourself with SAS Visual Analytics link on the Software tab of the Teradata University Network Website.
4. After you have signed on to the TUN site for the first time, skim or read the Visual Analytics Overview document.
5. You are now ready to use SAS Visual Analytics to analyze data. To do so, click the SAS Course Contents link and open the document. **Complete all four assignments** and check your results against the answers. Save your work (for both assignments) on your computer as PDF documents named appropriately, as described in the instructions.

**Task 3: Analyze Data and Write Your Recommendations to Management (BUS 443H Only)**

Task 3 requires you to use your newly-acquired skills of data analysis on a different problem. To do so, complete the Customer Analysis Report Exercise from the SAS Course Contents document on the TUN site. Complete a management report with your analysis of this exercise. Answer all questions posed by the exercise and save your work on your computer.

**#1:**

2.

3. creating dashboard using the tool

**\*\*\*\***Assignment 4:

Create Hypothecy , answering questions

do write a report!!!! Friendly form style.

Show picture in the report or can upload pdf file

**Task 4: Upload your work to Moodle**

Upload your PDFs from Task 2 and your report and visualization PDF from Task 3 to Moodle by the due date.

**Other SAS Resources (Optional):**

SAS BI Dashboard How-To PDF: Click [here.](http://support.sas.com/resources/papers/proceedings09/028-2009.pdf)

More Advanced SAS Topics via SAS Analytics U Videos: Click [here.](https://www.youtube.com/playlist?list=PLVBcK_IpFVi9cajJtRel2uBLbtcLz-WIN)