# MIS 344 Lab 4

You will need to complete each section of this document then upload it to Blackboard. Save your document with the following naming convention:

* CourseNumber\_Assignment Number\_First Initial Last Name (Example: MIS344\_Lab3\_LStewart.docx)

Instructions

Overview

This lab is designed to help students connect with community/open source datasets that can then be place in a data warehouse. It is important to understand and identify on what you want to know and what you want to display when designing your data warehouse.

You will need to do outside research and learning on how to access and extract open source products/ datasets. You need to spend some time honing your data administration skills. You may be required to troubleshoot how to restore, backup or create a database.   
  
**Part A**

Review the MIS 344 Term Project instructions and work on finding a topic you would like to use as your project scenario. Once you have found a topic determine what scenario you will be completing for your final project. It will be helpful to come up with some hypothesis to help identify a specific topic/scenario.

Write down what your topic/scenario will be here. Make sure to include your hypothesis, where you got your dataset and be detailed on what you are wanting to analyze.

**Part B**

Now that you have found your scenario and datasets work on getting your datasets loaded into SQL Server. Then practice designing and developing your data warehouse.

Screenshot your database in SQL Server and your sample data warehouse here (at least two screen shots…one of database in SQL Server and one of sample data warehouse)

**Part C**

Now that you have created a data warehouse work on visualization of the data. Practice by designing and developing some visualizations in Excel by using OLAP.

Screenshot your visualizations here (at least two screen shots)