**IS 300 Management Information Systems – Homework 5 on Excel Lesson 4 for Spring 2022**

Learning Objectives:

* Create Excel Microsoft Excel charts
* Determine the appropriate chart to visualize different types of data
  + Dashboards
  + Column and Bar charts
  + Alternative Column charts
  + Line charts
  + Pie Charts
  + Area Chart
  + Other types

Note: For this homework you will use the excel student file called: Spring 2022 Homework 5 on Excel Lesson 4 for Student -add your name.xlsx

1. Use the worksheet **Education Census** in your student file. **Create a Column Chart that looks at Marital Status** for those with an Advanced Degree. Add horizontal, vertical and heading titles. Hint: Select the column of: Advanced Degree. Move the Graph below the data on the same sheet.
2. **Create a Column Chart** with the **Education Census data**. Add a heading title and vertical title. Select the Bachelor’s Degree data. Add the data table for the series below. Move the Graph below the data on the sheet.

1. Create a Pie chart for the Education Census data: Use Bachelors Degree. See below:
2. Use the worksheet **Employment Data** in your student file. Create a clustered column chart. For: **All Employees**, **Men** and **Women**. Do not select the column for total employment. Edit the series name to display All Employees, Men and Women. Use chart Design🡪 Style 7, to create the gridlines shown below. Add a Heading, vertical and horizontal titles. See Below.
3. Use the worksheet **Employment Data** in your student file. Create a clustered chart as question 3 and add formatting and a data table, see below. Format as follows:
4. Use the worksheet **EXPORT** in the Excel student File. Create a line chart for the US Exports to China and the US Imports from China. Add heading, horizontal and vertical titles.
5. Use the worksheet **EXPORT** in the Excel student File. Create a Clustered Columns chart for the US Imports from China. Add heading, and vertical titles. Add a Trend line.

1. Use the worksheet **EXPORT** in the Excel student File. Create a Stacked Area Chart for the US Exports to China and the US Imports from China. Add heading, horizontal and vertical titles. Display as a stacked area chart.
2. Create a pie chart the data found in Stocks. Format as follows:
3. **Create a Clustered Column Chart** with Education Census data. Add a heading title and vertical title. Add a data table for the series below. Place the graph in the data sheet, after the last chart. Make sure to use the heading in the example below. Series 1 and 2 must be change to appropriate names. You will be using the civilian labor force (Employed, Unemployed and Not in labor Force) for High school Graduate and bachelor’s degree. Your graph should look like: