**You have been supplied with the following source files:**

Qatar.Demographics.Data.xlxs

**Task 1 – Evidence Document**

Create a new word-processed document.

Make sure your name, centre number and candidate number will appear on every page of this document.

Save this Evidence Document in your work area as **cs\_pract\_evidence1**\_ followed by your centre number(QA308)\_student id. For example, cs\_pract\_evidence\_1\_QA308\_9823

You will need your Evidence Document during the examination to place screenshots when required.

**Task 2 – Data Analysis**

*You are going to create visualizations on Data Demographics of Qatar.*

1. Open and examine the file **Data.Demographics.Qatar.xlxs** in a spreadsheet package.

Place the text **Edited by** followed by a space, **your name, centre number** and **student id**, then a space followed by **on** followed by a space and today’s automated date, right aligned in the header.

Save this as a spreadsheet in the format of the software you are using with the file name:

 **n20year\_centre number\_ student id**

For example, n20year\_QA308\_9843

1a. **Create a chart** to compare the male and female populations across the different age groups.

1b. **Label your chart**:

* X-axis: Age Groups
* Y-axis: Population
* Add a chart title: *“Population by Age Group and Gender in Qatar”*.

1c. Customize the chart by giving different colors to male and female populations. (5 marks)

Evidence\_1: Place in your Evidence Document a screenshot that shows how you made the visuals

[5]

**2. Create a chart** to represent the percentage distribution of the Qatari and Expat population for the 0-14 age group.

* Add data labels showing percentages.
* **Customize** the chart by making the Qatari segment stand out with a different color.
* Add a chart title: *“Population Distribution for Age Group 0-14”*. (5 marks)

Evidence\_2: Place in your Evidence Document a screenshot that shows how you made the visuals

 [4]

**3. Create a graph** to show the trend of the total population across the different age groups.

* Label the X-axis as "Age Group" and the Y-axis as "Total Population".
* Add a chart title: *“Population Trend by Age Group”*. (5 marks)
* **"Add Major Gridlines"** for both the X-axis and Y-axis.

Evidence\_3: Place in your Evidence Document a screenshot that shows how you made the visuals.

[4]

4. Create a graph to compare the total Qatari population with the percentage of the Qatari population across different age groups?

[2]

5. Print your spreadsheet in landscape orientation with all Visuals, Row and Column headings displayed and fully visible.