

**Python Technical Delivery Task - GLOBALTECH Analysis**

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| **Introduction** |

You have just applied for a role as a Data Analyst at GLOBALTECH,, a large data company that analyses data for governments. As part of the hiring process, they have sent you the below task to complete. They will be assessing you for the following qualities:

* **You understand the problem, and what you are required to deliver.**
* **You have strong understanding of key Python commands.**
* **You are confident handling data.**
* **You can explain your decisions.**

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| **The Task** |

You have been given access to a database of countries that consists of one table, ‘population.csv’.

The questions are as follows:

* How many countries had no population data (0) for 2000?
* What was the total population of Africa in 2010?
* What is the average population of countries in South America in 2000?
* In 2007, which countries had a population greater than 1000?
* How much has the population of Europe grown from 2000 to 2010?

Your task is to complete answers that accurately find this data and submit them to the government. You should produce visuals where relevant.   
  
***NB: Ensure you review the database file before starting the task. You will need to save your own copy of the database file to ensure no one else can edit your work.***   
  
The resulting report should be organised as a Word document and uploaded to the relevant folder in Teams.

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| **Marking Criteria** |

You’ll be asked to upload a link to your completed Python task through Canvas.   
  
The marking criteria for the task will fall into the following competencies:

* Understanding the Problem
* Python Knowledge
* Visualisation
* Reasoned Decisions