

Response Summary:

1. Student Information *

First Name	Enze
Last Name	Wang
Major	Game Design and Development
Course (e.g. CGT 270-001)	CGT 270-002
Term (e.g. F2019)	S2022

2. Email Address *

(University Email Address is required.)

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3. Visualization Assignment *

- Lab Assignment

Generate

4. Identify appropriate data sources: is the data publicly available? What search methods were used? *

Data source 1	EMSI, Economic Modeling Specialists Inc.
Data source 2	N/A
Data source 3	N/A

5. Data format: what format is the data in? Structured vs instructed? All text, a combination, multiple sources? Is it primary or secondary data? *

It's structured, secondary data with single source.

6. Data types: what types of data are in the data? How are they stored? What is the access to the data (API, JSON, txt, csv, etc.)? What structure holds the data (data base, spreadsheet, etc.)? *

The types of the data is floating-point number and string. It's a xlsx file. It's a spreadsheet.

Evaluate

7. Variables: list the data variables? What are the parameters? Give them names. What are the dependent variables and independent variables? *

City, SIC Code, Industry, Jobs 2011, Jobs 2014, Change and Percentage Change.

The first three data variables are strings and the last four are floating-numbers.

The City, SIC Code, Industry, Jobs 2011 and Jobs 2014 are independent variables.

The Change and Percentage Change are dependent variables.

8. Audience & Assumptions: list any assumptions you have about the data. Who is your audience? *

The government and entrepreneur in Great Britain.

Generate

9. What real life behavior does the data reflect? Does it show patterns of activity, regularity of events, a timeline, population data, etc? Explain. *

Yes. It shows the enter and exit of the workers in different industries in UK.

11. What are the weaknesses of the data source? Is it likely that the source will be available in the future? Is the data complete? What is the quality of the data? Is it specific to your needs for. the current project? Is the data in the format you need? Are there missing data? Explain. *

The quantity of the data is not large enough to generate a complete conclusion, there's still need for more data.

12. What information is emphasized? What is the central focus of the data? Explain. *

As the title of this dataset, it focus on the changes of employment in UK's industries.

13. At what level of granularity is the data provided? Is the data summarized, or do you have access to the raw data? Is the data categorized or is the data in a format that allows you to create your own categories, etc. Explain. *

The data is summarized and categorized by different cities of UK.

14. What is the scope of the data? What topics can be covered using the data? Is there a time range/frame? Is the data for a specific area/discipline/demographic etc.? Explain. *

There is a time range for specific area(employment).
