

Response Summary:

1. Student Information *

First Name	Enze
Last Name	Wang
Major	Game Design & 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

Understand

4. Parse Data: List each field and its data type. Refer to Fry (page 8-9, 2007) for examples of description of different data types (string, float, character, integer), you can also create user defined types (some combination that uniquely identifies data like the Index type in the Fry 2007 page 9 example) *

Data 1: Employment Changes in Great Britain by Industry (2011-2014)

City: String

Country: String

SIC-1: String

SIC-1: name: String

SIC-2: Integer

Industry: String

Jobs 2011: Integer

Jobs 2014: Integer

Change: Integer

% Change: Float

Data 2: Employment by occupation of UK in Apr-Jun 2014:

"Standard Occupational Classification (SOC 2010)": String

Total in employment: Integer

Full-time (Employees): Integer

Part-time (Employees): Integer

Total (Employees): Integer

Full-time (Self-employed): Integer

Part-time (Self-employed): Integer

Total (Self-employed): Integer

Data 3: Employment by occupation of UK in Apr-Jun 2011:

"Standard Occupational Classification (SOC 2010)": String

Total in employment: Integer

Full-time (Employees): Integer

Part-time (Employees): Integer

Total (Employees): Integer

Full-time (Self-employed): Integer

Part-time (Self-employed): Integer

Total (Self-employed): Integer

5. Assumptions: List any assumptions you are making about the data and/or the visualization challenge (aka the project) *

Data 1: Employment Changes in Great Britain by Industry (2011-2014)

Data 2: Employment by occupation of UK in Apr-Jun 2011

Data 3: Employment by occupation of UK in Apr-Jun 2014

The first data shows the total change of the employment in UK, and we can see the detailed change by compare the Data 2 and Data 3. So, I may list the percentage of different kinds of employment changes in the project to see which is the main factor of the employment change. Also, the Data 1 lists the region of UK, and I can make the visualization to show which area have the biggest employment change.
