**Data Visualisation in Tableau**

**Please download the *EMSI\_JobChange\_UK* dataset** [**here**](https://justit831-my.sharepoint.com/:x:/g/personal/danpe_justit_co_uk/EV6gwoO1S4tMtXmhuzIr7i0Bx3nEukrbXJoQb6txQvFO4A?e=LhdeAt)**.**

This dataset contains employment data by industry for the years 2011 and 2014, broken down by city across Great Britain.

1. **Upload Data**: Begin by uploading the dataset via the connect pane, selecting Excel as the file format for upload.
2. **Create a Bar Chart for % Change**: Generate a bar chart to visualise the percentage change in employment across different industries between 2011 and 2014. This will help highlight areas with significant job growth or decline.
3. **Sort the Rows**: After creating the bar chart, sort the rows to organise the data logically, making it easier to interpret the percentage changes.
4. **Remove Null Values**: Ensure that any null or missing values in the dataset are removed to maintain data integrity and accuracy in the analysis.
5. **Create a Map**: Generate a map to visually display the key city locations affected by the changes in employment. This map will provide a geographic overview of the areas with the most significant shifts in employment across industries.
6. **Remove Redundant Legend**: On the map, the legend displaying sub-industry names may be redundant, as the bar chart already provides this information. Therefore, we can remove the legend to declutter the map.
7. **Create a Dashboard**: Finally, compile a dashboard that displays both the bar chart showing the percentage change in employment and the map highlighting the key city locations impacted by these changes. This combined view will provide a comprehensive understanding of the data and its geographical context.

By following these steps, I have created a clear and informative visualisation of the employment changes across different industries in Great Britain.

A screenshot of a map

AI-generated content may be incorrect.