Scenario: Imagine you are a data analyst at an Insurance company trying to gain insights on major earthquakes and determine their hotspots in each continent. This analysis using historical data on earthquakes would enable you to develop insurance products suitable for the customers living in these active regions.

1. Create a geographical visualization to plot all earthquakes that occurred on Earth between **1900** and **2013**. Identify the magnitude of each earthquake?
Information reference:
geo.mtu.edu/UPSeis/magnitude.html

2. Using a scatter-plot color try to address following questions.
1. Is there a correlation between **Depth** and **Magnitude** variables for occurrences of (>7 magnitude on Richter scale) mega earthquakes?
2. Summarize your fndings

3. Which country or continent had higher occurrences of (> 7 magnitudes on Richter scale) earthquakes? **Hint:** Using a Lasso tool in Tableau to manually select marks (data points) in your visualization. After selecting the data points, export them to an excel fle)
Information reference:
onlinehelp.tableau.com/current/pro/desktop/en-us/inspectdata_selectiontools.html

4. Finally prepare a dashboard and storyline summarizing your analysis on earthquakes and their occurrences in various places of the earth. This aim of this report is to communicate these insights to other stakeholders in a visually appealing format.
The fnal output could look like the representation on the next page
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