**Project Title**: A Interactive Dashboard of Global Seismic Activities

**Abstract**:

The earthquake dashboard is a project that displays historical seismic activity and provides comprehensive insights into earthquake occurrences worldwide. At the backend of the database, this project is set up on AWS RDS to extracting, preparing, loading, and manipulating both the earthquake and the continent data. The two databases are joined and the top 200 earthquakes with the highest magnitude (excluding earthquakes at sea) are selected to be stored in a separate bucket.

**Wireframes:**

**Data Tables:**

1. the earthquake data (provided by the USGS and can be accessed via API: <https://earthquake.usgs.gov/earthquakes/feed/v1.0/geojson.php>

2. the continent data: <https://hub.arcgis.com/datasets/esri::world-continents/about>

**System Architecture Diagram:**