

Histogram App (Peer Assignment Part I)

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This documentation explain how to use the application created in **Shiny** which is part of the peer assignment for the course **Developing Data Products**.

The Shiny Application

The application shows two different histograms:

1. Number of seismic events per year
2. Number of seismic events per magnitud

That occurred between years 2000 and 2010 in the region of Venezuela (between latitude 5°N to 14°N and longitude 58°W to 74°W). The database was provide by FUNVISIS (Fundación Venezolana de Investigaciones Sismológicas)

The app contain the following controls:

- With the **Slider control** you can modify the time period between 2000 and whatever year between 2000 and 2010. (The initial year can't be changed).
- With the **Numeric Input control** you can modify the region that you want to check. The region should be between the coordinates indicates above (Always between 5 to 14 and -74 to -54). A map of the region is in the main panel as a reference, it can't be modified.
- With the **Select Input control** you can choose between two histogram: Number events per year or Number events per Magnitud.