

Using the R programming language to open CSV files, analyze data, and obtain a Raster map is beneficial for several reasons:

1. **Powerful Data Analysis Capabilities:** R offers a wide range of packages and tools that facilitate statistical data analysis and processing. For example, the `dplyr` package is used for data manipulation, and `ggplot2` is used for creating plots.
2. **Integration with Geospatial Data:** R supports specialized packages for handling geospatial data such as `sf` and `raster`. These packages allow users to import, process, and analyze spatial data.
3. **Scriptability:** R allows for the automation of tasks using scripts. This makes it easy to replicate complex analyses or run them on different datasets.
4. **Ability to Create Raster Maps:** With packages like `raster` and `terra`, users can easily create and analyze Raster maps. These packages can read and write Raster files, perform spatial analyses, and create custom visualizations.

**BECAUE WE USED BIGDATA.**