Module Geomodelling for Natural Resource Evaluation Exercise

Winter Semester 2024/2025

Assignment: Explorative Data Analysis (starting 13th Nov. 2024)

Please do an explorative data analysis by your own for the data set **testData123.csv** and try to answer the following questions in your report:

-> Is something unusuall? Why?

-> How are he data distributed? Are the data skew?

-> Are there outliers or bindings (are the values rounded)?

-> Is the optical impression falsified through special features?
   (e.g. bindings, too small bars, overlays)

-> Can you see tectonic faults or hops in the map/data?

-> Which dependencies can you see?

-> Are they strong or weak, linear or nonlinear, increasing or decreasing?

-> Correspond the observations to what we would expect?

-> Any other noticeable problems?

Send me a short pdf document with your answers, findings and the graphics explaining your findings and additionally a R-script file with the R-code which you needed to do this analysis and produce the graphics. You can work in teams up to two students.

Deadline: December 4, 2024