

Visualizing Well Log Data

Link to download the dataset: <https://bit.ly/300c251>

From the link, you are given a .las file containing well-log data information from a field in Australia. You are required to do data processing and visualization with the .las file using appropriate python library.

You are required to present the code with appropriate output on the day of your interview.

Proper documentation for the code is a plus point.

Task:

1. Read and analyze the well-log data correctly
2. Convert the values in the .las file as a Pandas data frame
3. Data filtration (choose whether to remove or replace Nan values in the data - give the reason why such choice was made)
4. Plot all the data as a well-log curve.
5. Plot **ONLY** neutron porosity and Gamma API. Use appropriate python *if-statement* or *loop*.

Example of output:

