



Machine Learning in Geoscience Workshop

Date | Location

23rd - 24th April 2020 | PESGB Office, London



Created and presented by a team of Data and Geo-scientists, with Dr Gerald Stein

Learn

Machine Learning Principles

Neural networks in Depth

Other Classification Methods

By the end of this course, you will have a deep, foundational understanding of the inner workings of neural networks. You will have gained an understanding of, and practical experience in, applying these techniques to real seismic data, using artificial intelligence.

We take the core principles of machine learning, strip back all the jargon and unnecessary complexity so that we can focus on ensuring every attendee understands how the network is constructed, how it learns and how to harness the power of intelligent algorithms to solve real problems in the petroleum industry.

Apply

Fault Analysis

Classification

Tensor Flow and Python

Become familiar with using Python, Tensor Flow and SciKit Learn to apply Neural Networks, Principle Component analysis and Classification to problems such as Reservoir Characterisation and Fault Analysis

NO programming or mathematical experience is necessary!



We place great emphasis on starting at first principles, with no vague assumptions made and no step skipped."

Learn the wider applications of the theory, including directly solving geophysical problems and expanding to cloud computing

This two day course will be held at the PESGB Office in London by Pays International, with partners from other institutions collaborating to provide a range of expertise.

As always, places are limited.

Join Us For:

The most comprehensive course on machine learning techniques in Geophysical science.

Visit our website for more information and to sign up

www.pays-international.com