**Machine Learning**

**Howdy Folks,**

**Here's my new course on subsurface / spatial machine learning at The University of Texas at Austin.**

**Join on the journey from fundamental probability, statistics, multivariate analysis, feature selection and transforms to inferential methods, cluster analysis, principal components analysis, multidimensional scaling, and prediction methods, k-nearest neighbors, trees and all the way to random forest, gradient boosting and neural networks.**

**The demonstrated workflows in the lectures are available at:**

[**https://github.com/GeostatsGuy/PythonNumericalDemos**](https://github.com/GeostatsGuy/PythonNumericalDemos)

**and the data sets are at:\**

[**https://github.com/GeostatsGuy/GeoDataSets**](https://github.com/GeostatsGuy/GeoDataSets)

**I hope these lecture are useful to students, working professionals and anyone interested in machine learning. If you want to work with my students and I or just to ask a question drop me an e-mail,**

**Michael**

**Michael J. Pyrcz, Associate Professor**

**The University of Texas at Austin**