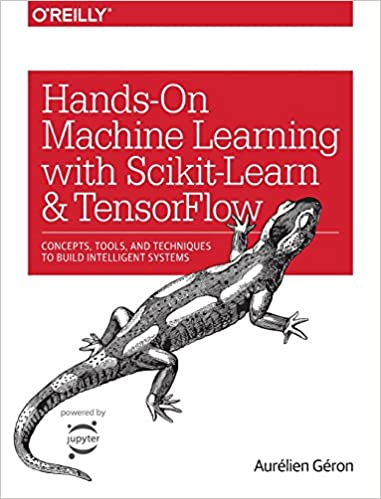
# What I learned from studying Hands-on Machine Learning with Scikit-Learn and Tensorflow :

Well , one of the first things that I would like to say right off the bat , was how comprehensive and inclusive of beginners it was .

## Scikit Learn:

That being said , the book is divided into two sections as suggested by the title, it is Scikit-learn and Tensorflow .

The first part of the book delves deeply into Sckit-Learn API , starting with the its basics and developing from there . The book starts with smallest examples on how to developed a very basic linear regression model , and then talks in detail about SVMs, Decision Trees and Random Forests. However, it doesn’t cover the Latest gradient boosting methods such as LGBM and XGBoost .



Mathematical Explanation and Intuition: The mathematical explanation lacks in the several areas , and personally I had to refer a lot other things to get the mathematical intuition of the algorithms . The chapters in the book had a pattern to write mathematical jargon first , and then go for the code , which led me to being confused sometimes . However , the book helps in getting your fundamentals clear in the Machine Learning lingo where it helps in clear explanation about terms like ROC-AUC, types of learning , Confusion Matrix etc.

## Tensorflow :

Here’s , where the book gets tricky in my opinion , some parts of Tensorflow , were useless to me . In the first chapter of Tensorflow , you learn about creating graph and sessions , however I believe there are plenty data visualization libraries , which would serve the purpose better. The second chapter goes into the depth of establishing tensorflow on different servers and devices which I had also considered irrelevant. The last chapters help in establishing some understanding of Tensorflow in general .