

SOFTWARE/HARDWARE LIST:-

Chapter Name	Chapter number	Software required (With version)	Hardware specifications	OS required
Introduction to Ensemble Machine Learning	1	<ul style="list-style-type: none"> Scikit-learn 0.17.0 Numpy 1.1 Matplotlib 1.5.1 	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Decision Trees	2	<ul style="list-style-type: none"> Pandas 0.18.1 Numpy 1.1 Pprint -0.1 	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Random Forest	3	<ul style="list-style-type: none"> Numpy 1.1 Pprint -0.1 	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Random Subspace and KNN Bagging	4	<ul style="list-style-type: none"> Numpy 1.1 	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
AdaBoost Classifier	5	<ul style="list-style-type: none"> Numpy 1.1 Matplotlib 1.5.1 Pprint-0.1 Opencv_python-3.1.0 	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Gradient Boosting Machines	6	<ul style="list-style-type: none"> Numpy 1.1 Matplotlib 1.5.1 Pprint-0.1 	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
XGBoost-	7	<ul style="list-style-type: none"> Xgboost-0.40 	64 bit	Windows, Mac, or

eXtreme Gradient Boosting		<ul style="list-style-type: none"> • Pandas 0.18.1 • Numpy 1.1 • Matplotlib 1.5.1 • Scikit-learn 0.17.0 	architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Linux
Stacked Generalization	8	<ul style="list-style-type: none"> • Numpy 1.1 	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Stacked Generalization Part-2	9	<ul style="list-style-type: none"> • Numpy 1.1 • Scikit-learn 0.17.0 • Pandas 0.18.1 • Pydotplus-2.0.2 • Matplotlib 1.5.1 • Graphviz-0.5.2 	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Modern Day Machine Learning	10	<ul style="list-style-type: none"> • Numpy 1.1 • Keras-2.0.5 • Tensorflow-0.12 • Matplotlib 1.5.1 	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux