

Day 1	Morning	Seminar (introduction)	1 hour
	Afternoon	Videos: part 1 and part 2	45 min
Day 2	Morning	Videos: part 3.1 and 3.2	1 hour
	Afternoon	hands-on training (starting with RapidMiner & data preparation)	3 hours
Day 3	Morning	Videos: part 3.3 to 3.5	45 min
	Afternoon	hands-on training (descriptive statistics and data visualization)	3 hours
Day 4	Morning	Videos: part 4.1 and 4.3	1 hour
	Afternoon	hands-on training (Decision Trees and Rule Induction)	3 hours
Day 5	Morning	Videos: part 4.4 and 4.8	1 hour
	Afternoon	hands-on training (KNN, Naïve Bayes, Artificial Neural Networks, and SVMs)	3 hours
Day 6	Morning	Videos: part 5.1 and 5.2	50 min
	Afternoon	hands-on training (Linear regression and Logistic regression)	3 hours
Day 7	Morning	Videos: part 6	25 min
	Afternoon	hands-on training (Association Rule Mining)	3 hours
Day 8	Morning	Videos: part 7.1 and 7.3	40 min
	Afternoon	hands-on training (k-means, Elbow method, and DBSCAN)	3 hours
Day 9	Morning	Videos: part 8.1 and 8.2	30 min
	Afternoon	hands-on training (model evaluation including confusion matrix, ROC, AUC, MetaCost and Performance Cost)	3 hours
Day 10	Morning	Videos: part 10.1 and 10.4	35 min
	Afternoon	hands-on training (PCA, filter and wrapper techniques)	3 hours