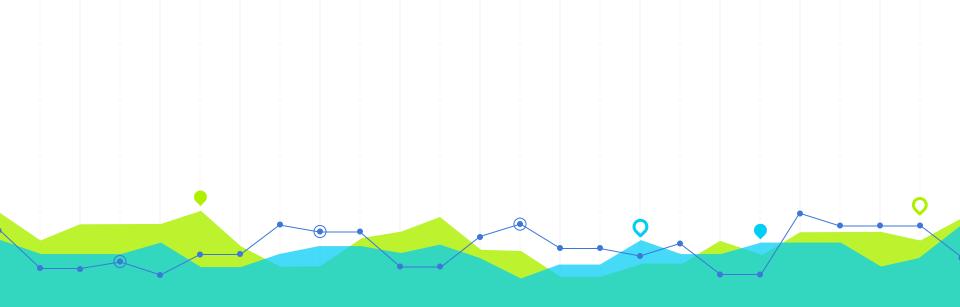


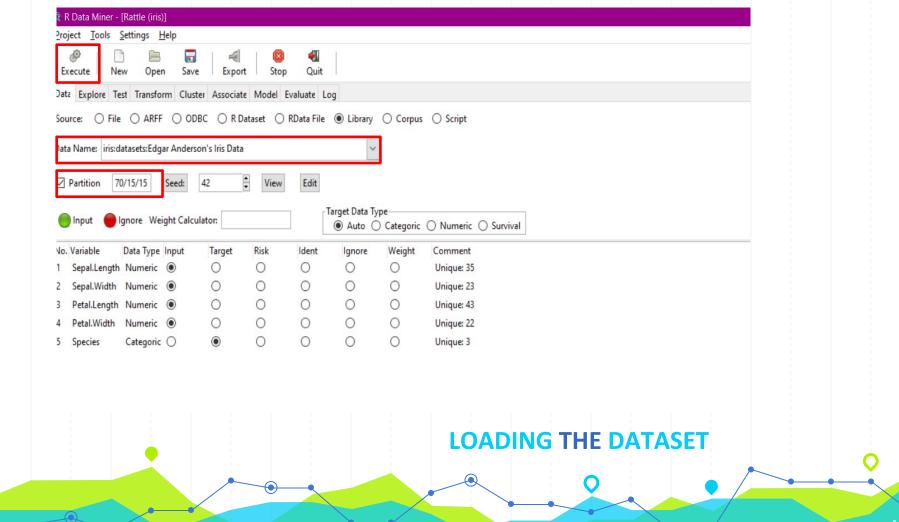
Predict outcome of individual items located in groups to classify iris species.



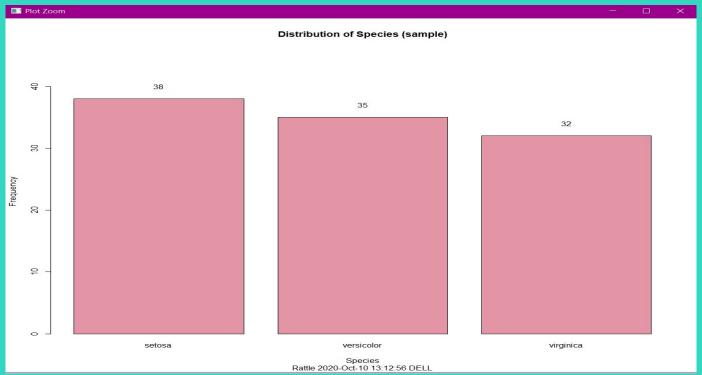
What does this dataset contains?

TASKS TO PERFORM

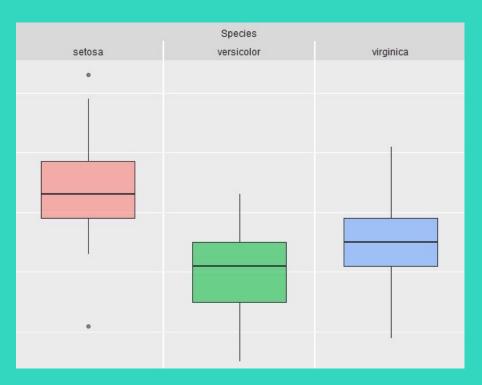
- Load the Iris Dataset
- Exploring the dataset
- Build a Decision Tree model for data analysis
- Analyze the rules
- Plot the Decision Tree
- Evaluation of Model: Confusion Matrix

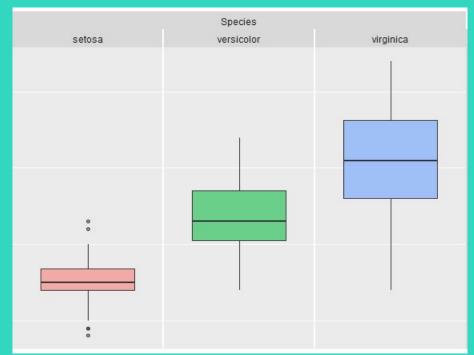




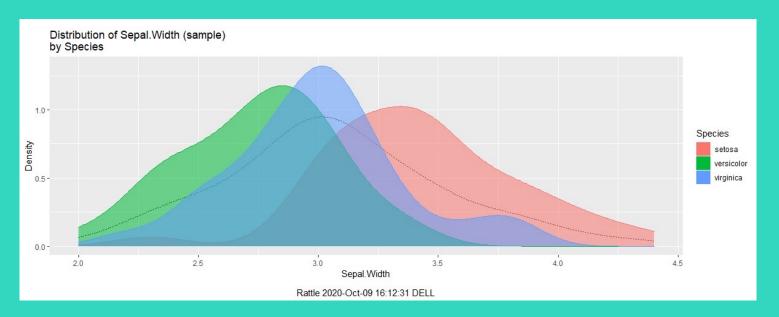


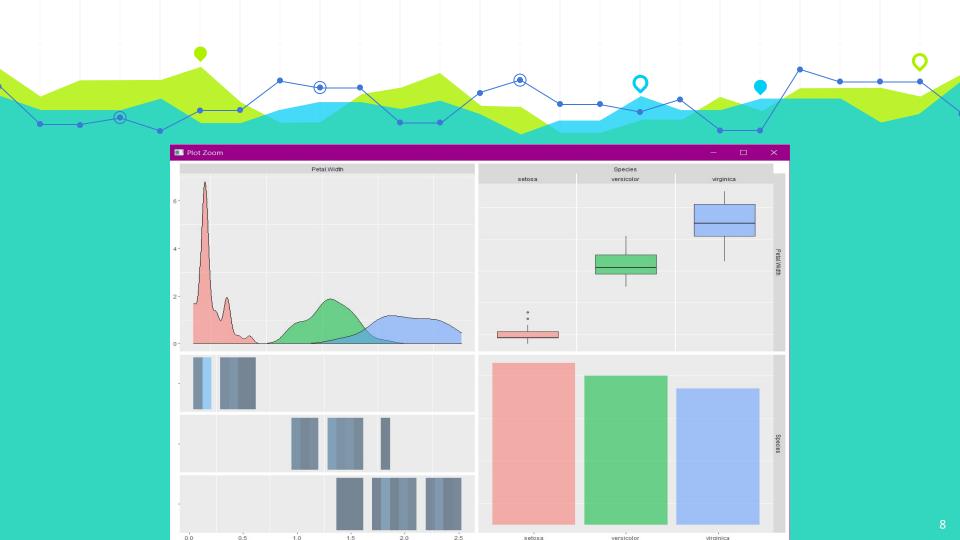




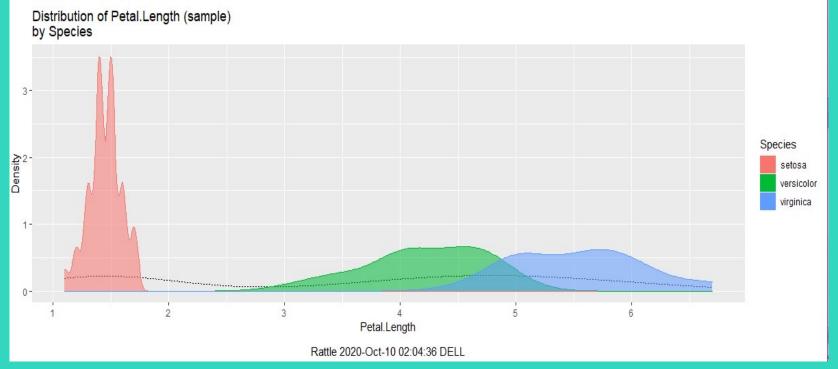






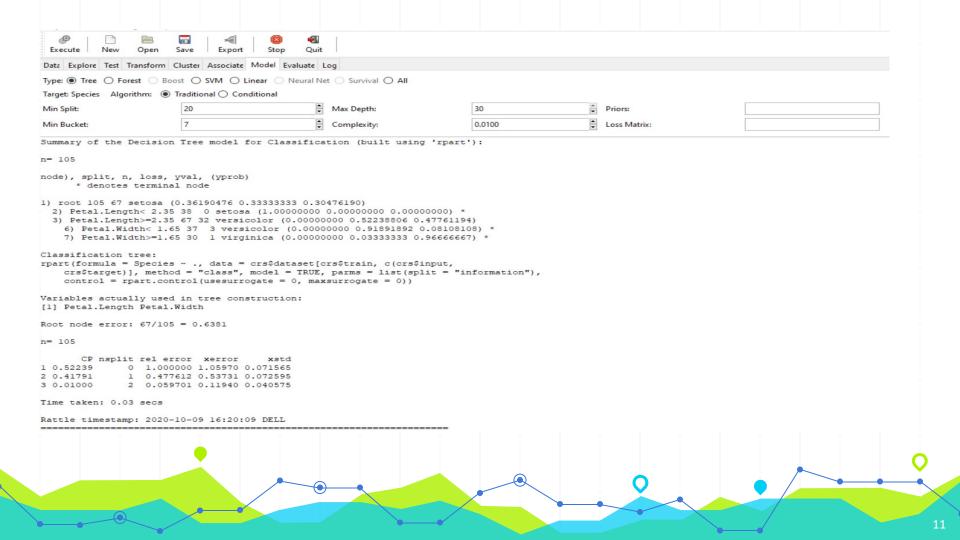


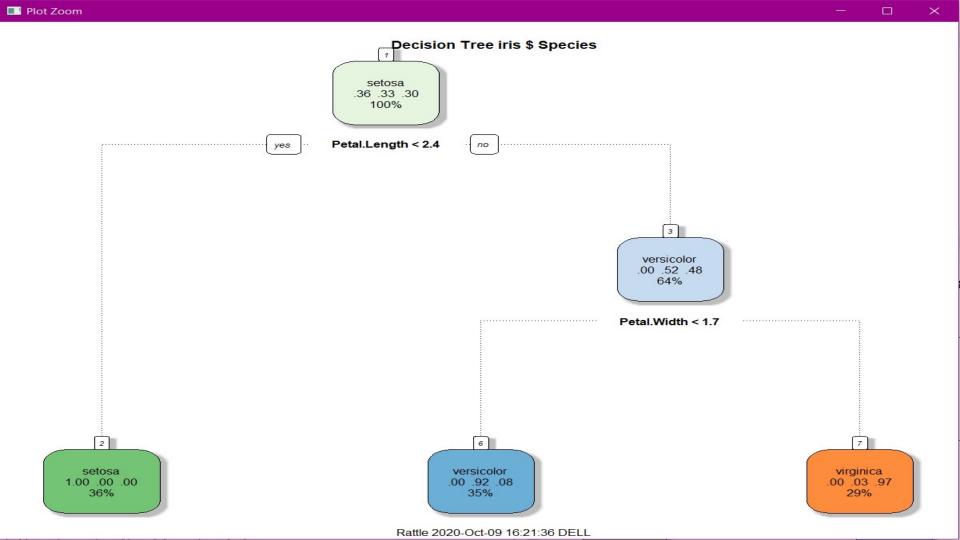






ALGORITHM





©EVALUATION OF MODEL: CONFUSION MATRIX

Data Explore Te	Data Explore Test Transform Cluster Associate Model Evaluate Log					
Type: Error Ma	trix O Ri	isk O Cost Curv	re O Hand O	Lift O RO	OC Precision Sensitivity PrvOb Score	
Model: 🗹 Tree	Boost	Forest SVM	Linear	Neural Net	Survival KMeans HClust	
Data: O Training	○ Valida	ation () Testing	● Full ○ I	Enter O C	SV File Docum R Dataset	
Risk Variable:				Repor	rt: Class O Probability Include: Identifiers O All	
Error matrix	for the	e Decision T	Tree model	on iris	(counts):	
I	Predicte	ed				
Actual	setosa	versicolor	virginica	Error		
setosa	50	0	0	0		
versicolor	0	48	2	4		
virginica	0	4	46	8		
Error matrix	for the	e Decision T	Tree model	on iris	(proportions):	
I	Predicte	ed				
Actual	setosa	versicolor	virginica	Error		
setosa	33.3	0.0	0.0	0		
versicolor	0.0	32.0	1.3	4		
virginica	0.0	2.7	30.7	8		
verall erro	r: 4%, 1	Averaged cla	ass error:	4%		
Rattle timest	tamp: 20	020-10-10 13	3:33:16 DE	LL		