## F21DL: Coursework One

Omkar Gosavi — Prashant Sawant — Timothy Makobu

November 18, 2019

## Contents

0.1	Introd	$\operatorname{uction}$	2
0.2	Data		2
	0.2.1	Acquisition	2
	0.2.2	Exploration	2
	0.2.3	Preparation	2
0.3	Classif	ication	2
	0.3.1	Naive Bayes	2
	0.3.2	Bayesian Network Architectures	2
0.4	Cluste	ring	2
	0.4.1	k-means	2
	0.4.2	Tools for computation of optimal number of clusters	2
0.5	Research Question		
	0.5.1	Genetic Programming	2
0.6		ision	

- 0.1 Introduction
- 0.2 Data
- 0.2.1 Acquisition
- 0.2.2 Exploration
- 0.2.3 Preparation
- 0.3 Classification
- 0.3.1 Naive Bayes
- 0.3.2 Bayesian Network Architectures
- 0.4 Clustering
- 0.4.1 k-means
- 0.4.2 Tools for computation of optimal number of clusters
- 0.5 Research Question
- 0.5.1 Genetic Programming
- 0.6 Conclusion