The project consist of Dockerfile and Scraper.py these are docker.tar  
an example how to crawl

docker run --rm -v C:/LyricsTextMining/Songs:/songs myscraper python Scraper.py --start\_page 50 --end\_page 100 --genre grunge --output 50\_100\_grunge.csv  
  
Part1\_Crawling.ipynb -connects with website crawl the songs save them in csv

EXTRACT THE CSV AND FILL THE DATABASE

Part2.PreProcessing.ipynb GREPROCESSING features text cleaning and analysing

Part3.1\_Clustering&Evaluation.ipynb 3 cklustering methods visualise and evaluate

Part3.3.1\_SoftGridSearch.ipynb grid search for the soft clust

Part3.3.2\_HardGridSearch.ipynb grid search for the

Part3.3.3\_LDAGridSearch.ipynb grid search for the LDA methof

Part4.1\_SimilaritySearch.ipynb

Part4.2\_TitlevsLyrics.ipynb