

Course Summary DataMining CSE 5334

1. I have first learned what is meant by AI,ML,DL and Data mining in the first class which was very informative and useful for the rest of the course as I had a confusion in hat is Data Mining as such. In addition, I learned the key concepts of noise, data, knowledge, information.
2. I also learned about the Exploratory Data Analysis and with its knowledge we tried to implement them in Titanic Dataset and which gave us an In depth understanding in the EDA
3. I learnt on topics of how we can detect outliers. In which I have learned about various similarity measures. The dissimilarity calculation included Euclidean Distance, Jaccard Distance etc
4. I learnt concepts of Overfitting, Underfitting and got an in-depth understanding after applying the concepts learned in class in the assignment.
5. Most Importantly I learnt various classifiers like Decision Tree, Naïve Bayes, KNN, SVM
6. At the End was learning about the association Rule mining and the apiori principle.
7. Apart from this I have also done some practical implications of the same like Titanic competition ,building a sentiment analysis was very challenging but interesting.I hope so this knowledge gained in data Mining class would be useful in the future as I am planning to take Machine learning in the coming semesters.

And Thank you professor for having a different kind of approach of asking questions randomly to the students .This made me to concentrate more on to the class.