19ECS722: SOFT COMPUTING LABORATORY

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List of Experiments

1. Tutorial on Tensor flow
2. Tutorial on keras
3. Implement Union, Intersection, complement and difference operations on Fuzzy sets.
4. Create Fuzzy relation by Cartesian product of any two Fuzzy sets and perform Max-Min composition of any two Fuzzy relations.
5. Build Logistic Regression Classifier using Neural Networks
6. Build Deep neural network for classification
7. Build neural network for Regression
8. Build a classification model using different parameter initialization techniques.
9. Build classification model using Mini Batch gradient and Stochastic Gradient techniques.
10. Implement Genetic algorithm.