ML and DL*(udemy courses)*

What I have learned:

- ***ML:***
  - *Classification models:*
    - Logistic Regression Model
    - K-Nearest Neighbor Intuition
    - Support Vector Machine(SVM) (Kernels SVM)
    - Naïve Bayes
    - Decision Tree
    - Random Forest
  - *Regeression models:*
    - Simple(Multiple) Linear Intuition
    - Polynomial Linear Intuition
    - Suppport Vector for Regression (SVR)
    - Decision Tree Intuition
    - Random Forest Intuition
  - *Clustering models:*
    - K-Means
    - Hierarchical
  - *Association Rule Learning:*
    - Apriori Intuition
    - Eclat Intuition(just theory)
  - *Reinforcement Learning:*
    - Upper Confidence Bound
    - Thompson Sampling Intuition
  - Natural Language Processing(NLP)
  - Dimensionality Reduction Techniques:
    - Feature Selection:
      - Backward Elimination
      - Forward Selection (just theory)
      - Bidirectional Elimination (just theory)
      - Score Comparison(just theory)
    - Feature Extraction:
      - Principal Component Analysis(PCA)
      - Linear Discriminant Analysis(LDA)
      - Kernel PCA
      - Quadratic Discriminant Analysis(QDA)(just theory)