A.1) Option d)   Collinearity
A.2) Option b)   Random Forest
A.3) Option c)   Decision Tree are prone to overfit
A.4) Option c)   Training data
A.5) Option c)   Anamoly detection
A.6) Option c)   Case based
A.7) Option d)   Both a and b
A.8) Option c)   Both a and b
A.9) Option c)   3
A.10) Option a) PCA
A.11) Option c) Neither feature nor number of groups is known
A.12) Option b) SVG
A.13) Option b) Underfitting
A.14) Option a) Reinforcement learning
A.15) Option b) Mean squared error
A.16) Option c) Nonlinear, binary
A.17) Option A) supervised learning
A.18) Option C) both a and b
A.19) Option A) removing columns which have too many missing values
A.20) Option C) input attribute
A.21) Option A) SVM allows very low error in classification
A.22) Option B) Only 2
A.23) Option A) -(6/10 log(6/10) + 4/10 log(4/10))
A.24) Option A) weights are regularized with the l1 norm
A.25) Option B) Logistic regression and Gaussian discriminant analysis
A.26) Option D) Either 2 or 3
A.27) Option B) increase by 5 pound
A.28) Option D) Minimize the squared distance from the points
A.29) Option C) As the value of one attribute decreases the value of the second attribute increases
A.30) Option B) Convolutional Neural Network