// question: 28100 name: A classifier-

::A classifier-::A classifier-{

~Inputs a vector of continuous values and outputs a single discrete value

~Inputs a vector of discrete values and outputs a single discrete value

=Both

~None

}

// question: 28101 name: Classification is appropriate when you-

::Classification is appropriate when you-::Classification is appropriate when you-{

~Try to predict a continuous valued output

=Try to predict a class or discrete output

~Both A and B for different contexts

~None

}

// question: 28082 name: Among the following option identify the one which is not a type of learning?

::Among the following option identify the one which is not a type of learning?::Among the following option identify the one which is not a type of learning?{

=Semi Unsupervised Learning

~Supervised Learning

~Unsupervised Learning

~reinforcement Learning

}

// question: 28098 name: Classification is-

::Classification is-::Classification is-{

~Unsupervised learning

~Reinforcement learning

=Supervised learning

~None

}

// question: 28084 name: BBN stands for?

::BBN stands for?::BBN stands for?{

=Bayes Bayesian Networks

~Bayesian Belief Networks

~Bayesian Bayes Network

~Belief Bayesian Networks

}

// question: 28104 name: False negatives are-

::False negatives are-::False negatives are-{

=Predicted negatives that are actually positives

~Predicted positives that are actually negatives

~Predicted negatives that are actually negatives

~Predicted positives that are actually positives

}

// question: 28083 name: Identify the kind of learning algorithm for “facial identities for facial ...

::Identify the kind of learning algorithm for “facial identities for facial ...::Identify the kind of learning algorithm for “facial identities for facial expressions”.?{

~Prediction

=recognition Patterns

~Generating Patterns

~Recognizing Patterns

}

// question: 28085 name: Identify the type of learning in which labeled training data is used?

::Identify the type of learning in which labeled training data is used?::Identify the type of learning in which labeled training data is used?{

~Semi Unsupervised Learning

=Supervised Learning

~Unsupervised Learning

~reinforcement Learning

}

// question: 28087 name: Machine Learning algorithms build a model based on sample data, known as ...

::Machine Learning algorithms build a model based on sample data, known as ...::Machine Learning algorithms build a model based on sample data, known as _____?{

=Training Data

~Testing Data

~Both

~Sample Data

}

// question: 28089 name: Machine Learning algorithms that can be used with labeled Data?

::Machine Learning algorithms that can be used with labeled Data?::Machine Learning algorithms that can be used with labeled Data?{

=Classification

~Clustering

~Association

~All of these

}

// question: 28094 name: Naive Bayes requires?

::Naive Bayes requires?::Naive Bayes requires?{

=Categorical Values

~Numerical Values

~Either both

~Both are true

}

// question: 28095 name: Spam Classification is an example for?

::Spam Classification is an example for?::Spam Classification is an example for?{

=Naive Bayes

~Probabilistic condition

~Random Forest

~All

}

// question: 28105 name: Suppose your classification model predicted true for a class which actual ...

::Suppose your classification model predicted true for a class which actual ...::Suppose your classification model predicted true for a class which actual value was false. Then this is a-{

=False positive

~False negative

~True positive

~True negative

}

// question: 28088 name: What are the types of Machine Learning?

::What are the types of Machine Learning?::What are the types of Machine Learning?{

~Supervised Learning

~Unsupervised Learning

~Reinforcement Learning

=All of the above

}

// question: 28103 name: What does recall refer to in classification?

::What does recall refer to in classification?::What does recall refer to in classification?{

=The proportion of all the relevant data points

~The proportion of only the correct data points

~The proportion of all data points

~None

}

// question: 28093 name: Which is FALSE regarding regression?

::Which is FALSE regarding regression?::Which is FALSE regarding regression?{

~It may be used for interpretation

~It is used for prediction

~It relates inputs to outputs

=It discovers causal relationships

}

// question: 28090 name: which of the following algorithms used in machine Learning?

::which of the following algorithms used in machine Learning?::which of the following algorithms used in machine Learning?{

~SVM

~KNN

~BBN

=All of these

}

// question: 28086 name: which of the following are most widely used metrics and tools to assess a ...

::which of the following are most widely used metrics and tools to assess a ...::which of the following are most widely used metrics and tools to assess a classification Model?{

=Confusion Matrix

~Matrix Measures

~Elbow Method

~None of these

}

// question: 28096 name: Which of the following metrics are used to evaluate classification models?

::Which of the following metrics are used to evaluate classification models?::Which of the following metrics are used to evaluate classification models?{

~Area under the ROC curve

~F1 score

~Confusion matrix

=All of the above

}

// question: 28097 name: Which one is a classification algorithm?

::Which one is a classification algorithm?::Which one is a classification algorithm?{

=Logistic regression

~Linear regression

~Polynomial regression

~None

}

// question: 28102 name: With the help of a confusion matrix, we can compute-

::With the help of a confusion matrix, we can compute-::With the help of a confusion matrix, we can compute-{

~Recall

~Precision

~Accuracy

=All of the above

}

// question: 28099 name: You have a dataset of different flowers containing their petal lengths and ...

::You have a dataset of different flowers containing their petal lengths and ...::You have a dataset of different flowers containing their petal lengths and color.

Your model has to predict the type of flower for given petal lengths and color. This is a-{

~Regression task

=Classification task

~Clustering task

~None

}

// question: 28107 name: _____ Algorithms are grouped as supervised Learning Algorithms.

::_____ Algorithms are grouped as supervised Learning Algorithms.::[html]_____ Algorithms are grouped as supervised Learning Algorithms.\n
 {

~[moodle]Classification

~[moodle]Regression

=[moodle]Both

~[moodle]None of these

}

// question: 28091 name: _____is a part of machine learning works with neural networks?

::_____is a part of machine learning works with neural networks?::_____is a part of machine learning works with neural networks?{

=Deep Learning

~Artificial Intelligence

~Both

~None

}

// question: 12270 name: A linear regression (LR) analysis produces the equation Y = 0.4X + 3. This ...

::A linear regression (LR) analysis produces the equation Y \= 0.4X + 3. This ...::A linear regression (LR) analysis produces the equation Y \= 0.4X + 3. This indicates that\:{

~When Y

=0.4, X

=3

~When Y

=0.4, X

=3

~When X

=3, Y

=0.4

=When X

=0, Y

=3

}

// question: 12271 name: A LR analysis produces the equation Y = -3.2X + 7. This indicates that:

::A LR analysis produces the equation Y \= -3.2X + 7. This indicates that\:::A LR analysis produces the equation Y \= -3.2X + 7. This indicates that\:{

=A 1 unit increase in X results in a 3.2 unit decrease in Y.

~A 1 unit decrease in X results in a 3.2 unit decrease in Y.

~A 1 unit increase in X results in a 3.2 unit increase in Y.

}

// question: 12266 name: A regression can be implemented for a multi dimensional space

::A regression can be implemented for a multi dimensional space::A regression can be implemented for a multi dimensional space{

=True

~False

}

// question: 12261 name: Abbrevation for CART

::Abbrevation for CART::Abbrevation for CART{

=Classification and Regression Tree

~classifier

~Both

~None

}

// question: 12254 name: CART is used for

::CART is used for::CART is used for{

~Classification

~Regression

=Both

~None

}

// question: 12247 name: Decission tree algorithm falls under

::Decission tree algorithm falls under::Decission tree algorithm falls under{

=Supervised learning

~Unsupervised

~Reinforcement

~None

}

// question: 12248 name: Decission Tree algorithms starts with creating

::Decission Tree algorithms starts with creating::Decission Tree algorithms starts with creating{

=Root Node

~Leaf Node

~Stem Node

~None

}

// question: 12245 name: Decission tree is flow chart like

::Decission tree is flow chart like::Decission tree is flow chart like{

~Leaf Structure

=Tree Structure

~stem

~None

}

// question: 12244 name: Decission tree is more powerful for

::Decission tree is more powerful for::Decission tree is more powerful for{

~classification

~prediction

=both

~NONE

}

// question: 12246 name: Decission trees can handle

::Decission trees can handle::Decission trees can handle{

=High Dimensional data

~Low Dimnsional data

~Medium Dimensional

~None

}

// question: 12259 name: Environment variables are used in

::Environment variables are used in::Environment variables are used in{

~Decission Tree

~CART

~ID3

=All of the above

}

// question: 12258 name: Gini Index used by

::Gini Index used by::Gini Index used by{

~Regression

~ID3

=CART

~None

}

// question: 12264 name: ID3 is a

::ID3 is a::ID3 is a{

=Predictive Model

~Approximate Model

~Accurate Model

~None

}

// question: 12253 name: ID3 is mainly used for

::ID3 is mainly used for::ID3 is mainly used for{

=Supervised Learning

~Unsupervised Learning

~Reinforcement Learning

~None

}

// question: 12257 name: ID3 performs both Classification and Regression

::ID3 performs both Classification and Regression::ID3 performs both Classification and Regression{

~True

=False

}

// question: 12263 name: Identification of Impure Nodescan be determined through

::Identification of Impure Nodescan be determined through::Identification of Impure Nodescan be determined through{

=ID3

~CART

~Both

~None

}

// question: 12242 name: In a simple linear regression model, if we change the input variable by one ...

::In a simple linear regression model, if we change the input variable by one ...::In a simple linear regression model, if we change the input variable by one unit then output variable will change{

~by 1

~no change

~by intercept

=by slope

}

// question: 12276 name: In MLR, a residual is the difference between the predicted Y and actual Y ...

::In MLR, a residual is the difference between the predicted Y and actual Y ...::In MLR, a residual is the difference between the predicted Y and actual Y values.{

=True

~False

}

// question: 12275 name: In MLR, the square of the multiple correlation coefficient or R2 is called the

::In MLR, the square of the multiple correlation coefficient or R2 is called the::In MLR, the square of the multiple correlation coefficient or R2 is called the{

=Coefficient of determination

~Variance

~Covariance

~Cross-product

~Big R

}

// question: 12241 name: In Multiple Linear Regression , a residual is a difference between the ...

::In Multiple Linear Regression , a residual is a difference between the ...::In Multiple Linear Regression , a residual is a difference between the predicted Y and actual Y values?{

~False

=True

}

// question: 12278 name: In practice, Line of best fit or regression line is found when

::In practice, Line of best fit or regression line is found when::In practice, Line of best fit or regression line is found when{

~Sum of residuals (∑(Y – h(X))) is minimum

~Sum of the absolute value of residuals (∑|Y-h(X)|) is maximum

=Sum of the square of residuals (∑ (Y-h(X))2) is minimum

~Sum of the square of residuals (∑ (Y-h(X))2) is maximum

}

// question: 12279 name: In syntax of linear model lm(formula,data,..), data refers to _____

::In syntax of linear model lm(formula,data,..), data refers to _____::In syntax of linear model lm(formula,data,..), data refers to _____{

~Matrix

=Vector

~Array

~List

}

// question: 12243 name: In syntax of linear regression model data refers to

::In syntax of linear regression model data refers to::In syntax of linear regression model data refers to{

~matrix

=Vector

~array

~list

}

// question: 12277 name: Interaction effects can be tested in MLR by using IVs that represent:

::Interaction effects can be tested in MLR by using IVs that represent\:::Interaction effects can be tested in MLR by using IVs that represent\:{

~Cross product between Independent variables (IV) and Dependent Variable (DV)

=Cross-products of IVs

~Both

~None

}

}

// question: 12283 name: Is it possible to apply a logistic regression algorithm on a 3-class ...

::Is it possible to apply a logistic regression algorithm on a 3-class ...::Is it possible to apply a logistic regression algorithm on a 3-class Classification problem?{

=True

~False

}

// question: 12282 name: Is it possible to design a logistic regression algorithm using a Neural ...

::Is it possible to design a logistic regression algorithm using a Neural ...::Is it possible to design a logistic regression algorithm using a Neural Network Algorithm?{

=True

~False

}

// question: 12280 name: Is Logistic regression a supervised machine learning algorithm?

::Is Logistic regression a supervised machine learning algorithm?::Is Logistic regression a supervised machine learning algorithm?{

=True

~False

// question: 12265 name: Linear Regression provide

::Linear Regression provide::Linear Regression provide{

=Deterministic output

~Non-Deterministic Output

~Both

~None

}

// question: 12249 name: Logistic regression is supervised Machine Learning Algorithm

::Logistic regression is supervised Machine Learning Algorithm::Logistic regression is supervised Machine Learning Algorithm{

=True

~False

}

// question: 12251 name: Logistic Regression algorithm is ------class clasification problem

::Logistic Regression algorithm is ------class clasification problem::Logistic Regression algorithm is ------class clasification problem{

~1

~2

=3

~NOne

}

// question: 12252 name: Logistic Regression is a method used for

::Logistic Regression is a method used for::Logistic Regression is a method used for{

=Maximum Likelihood of data

~Jaccard distance

~SVM

~nOne

}

// question: 12250 name: Logistic Regression mainly used for Regression

::Logistic Regression mainly used for Regression::Logistic Regression mainly used for Regression{

=False

~True

}

// question: 12281 name: Logistic regression mainly used for Regression?

::Logistic regression mainly used for Regression?::Logistic regression mainly used for Regression?{

~True

=False

}

// question: 12255 name: Logistic regression uses

::Logistic regression uses::Logistic regression uses{

=classifier

~No classifier

~Iterative

~None

}

// question: 12268 name: Multiple linear regression (MLR) is a _____ type of statistical analysis.

::Multiple linear regression (MLR) is a _____ type of statistical analysis.::Multiple linear regression (MLR) is a _____ type of statistical analysis.{

~Univariate

~Bivariate

=Multivariate

~none

}

// question: 12262 name: Non Linear Regression deals with

::Non Linear Regression deals with::Non Linear Regression deals with{

~Deterministic

~nondeterministic

=Hybrid

~None

}

// question: 12256 name: Purity and Impurity nodes can be found through

::Purity and Impurity nodes can be found through::Purity and Impurity nodes can be found through{

~CART

=ID3

~Both

~None

}

// question: 12267 name: The following tree have limited depth

::The following tree have limited depth::The following tree have limited depth{

=Decission Tree

~Binary Tree

~Both

~None

}

// question: 12269 name: The following types of data can be used in MLR (choose all that apply)

::The following types of data can be used in MLR (choose all that apply)::The following types of data can be used in MLR (choose all that apply){

~Interval or higher dependent variable (DV)

~Interval or higher independent variables (IVs)

~Dichotomous IVs

=All

}

// question: 12272 name: The main purpose(s) of (LR) is/are :

::The main purpose(s) of (LR) is/are \:::The main purpose(s) of (LR) is/are \:{

=Predicting one variable on the basis of another

~Describing the relationship between one variable and another

~Exploring the relationship between one variable and another

}

// question: 12274 name: The major conceptual limitation of all regression techniques is that one can ...

::The major conceptual limitation of all regression techniques is that one can ...::The major conceptual limitation of all regression techniques is that one can only ascertain relationships, but never be sure about underlying causal mechanism.{

=True

~False

}

// question: 12273 name: When writing regression formulae, which of the following refers to the ...

::When writing regression formulae, which of the following refers to the ...::When writing regression formulae, which of the following refers to the predicted value on the dependent variable (DV)?{

~Y

=Y hat

~X

~X hat

}

// question: 12284 name: Which of the following methods do we use to best fit the data in Logistic ...

::Which of the following methods do we use to best fit the data in Logistic ...::Which of the following methods do we use to best fit the data in Logistic Regression?{

~Least Square Error

=Maximum Likelihood

~Jaccard distance

~Both A and B

}

// question: 12260 name: y=mx+c Where

::y\=mx+c Where::y\=mx+c Where{

=X is independent, Y is dependent

~X is dependent and Y is independent

}

// question: 12203 name: A deterministic model can be

::A deterministic model can be::A deterministic model can be{

~Non Linear

~Probabilistic

=Linear

~None

}

// question: 12223 name: Artificial Intelligence can be thought of an input to machine learning

::Artificial Intelligence can be thought of an input to machine learning::Artificial Intelligence can be thought of an input to machine learning{

=True

~False

}

// question: 12222 name: Artificial Intelligence is

::Artificial Intelligence is::Artificial Intelligence is{

~Predictive Analysis

~Probabilistic

=accurate

~None

}

// question: 12211 name: Association Rules can be used in

::Association Rules can be used in::Association Rules can be used in{

~Supervised

=unSupervised

~Reinforcement

~none

}

// question: 12227 name: Building a statistical model for predicting, or estimating, an output based ...

::Building a statistical model for predicting, or estimating, an output based ...::Building a statistical model for predicting, or estimating, an output based on one or more inputs is known as{

=Supervised machine Learning

~UnSupervised machine Learning

~Reinforcement machine Learning

~All

}

// question: 12229 name: Classification problem involves predicting

::Classification problem involves predicting::Classification problem involves predicting{

~Continuous Attribute

~Quantitative Attribute

=Qualitative Attribute

~None

}

// question: 12204 name: Constraint based models are

::Constraint based models are::Constraint based models are{

~Linear

~Non-Linear

~Probabilistic

=Linear & Non-Linear

}

// question: 12219 name: Deep Learning can be used under Machine Learning

::Deep Learning can be used under Machine Learning::Deep Learning can be used under Machine Learning{

=True

~False

}

// question: 12224 name: Deep learning can be used when the applications run on

::Deep learning can be used when the applications run on::Deep learning can be used when the applications run on{

=Layer Level

~System Level

~Environment Level

~None

}

// question: 12231 name: Different names used for the input in Machnie Learning

::Different names used for the input in Machnie Learning::Different names used for the input in Machnie Learning{

~predictors

~independent variables

~features

~variables

=All

}

// question: 12232 name: Different names used for the output variable in machine Learning

::Different names used for the output variable in machine Learning::Different names used for the output variable in machine Learning{

~Response

~Dependent variable

=Both

~None

}

// question: 12240 name: Grouping the similar data with out knowing it's class label is known as

::Grouping the similar data with out knowing it's class label is known as::Grouping the similar data with out knowing it's class label is known as{

~classification

=clustering

~Both

~None

}

// question: 12238 name: Linear Models allow for relatively simple and interpretable inference, but ...

::Linear Models allow for relatively simple and interpretable inference, but ...::Linear Models allow for relatively simple and interpretable inference, but may not yield as accurate predictions as some other approaches{

=True

~False

}

// question: 12202 name: Machine Learning Applications can be implemented through

::Machine Learning Applications can be implemented through::Machine Learning Applications can be implemented through{

~Linear Models

~Non-Linear Models

~Probabilistics models

=All

}

::Machine Learning is a::Machine Learning is a{

=Predictive

~Probabilistic

~accurate

~None

}

// question: 12201 name: Machine Learning can be implemented on Deep leaning

::Machine Learning can be implemented on Deep leaning::Machine Learning can be implemented on Deep leaning{

=True

~False

}

// question: 12200 name: Machine Learning is a process of accepting

::Machine Learning is a process of accepting::Machine Learning is a process of accepting{

~Environmrent

~Variables

=Both

~none

}

// question: 12215 name: Machine Learning can use

::Machine Learning can use::Machine Learning can use{

~Diligent mechanism

=Feed back mechanism

~Both

~none

}

// question: 12225 name: Machine Learning tools can be classified into

::Machine Learning tools can be classified into::Machine Learning tools can be classified into{

~supervised

~Unsupervised

=Both

~None

}

// question: 12221 name: Machine Learning is a

// question: 12217 name: Out of Supervised,Unsupervised, Reinforcement machine learning mechanisms,the...

::Out of Supervised,Unsupervised, Reinforcement machine learning mechanisms,the...::Out of Supervised,Unsupervised, Reinforcement machine learning mechanisms,the performance will be more in{

~Supervised

~unsupervised

=Reinforcement

~none

}

// question: 12212 name: Principal component Analysis will address

::Principal component Analysis will address::Principal component Analysis will address{

~Feature Selection

=Dimensionality Reduction

~Dimension

~None

}

// question: 12205 name: Protyped vesrion of Machine Learning

::Protyped vesrion of Machine Learning::Protyped vesrion of Machine Learning{

~Supervised

~unsupervised

=Reinforcement

~None

}

// question: 12228 name: Regression Problem involves predicting

::Regression Problem involves predicting::Regression Problem involves predicting{

~Continuous Attribute

~Quantitative Attribute

=Both

~None

}

// question: 12216 name: Reinforcement machine Learning requires

::Reinforcement machine Learning requires::Reinforcement machine Learning requires{

~More man power

=Less man Power

~Medium Man power

~None

}

// question: 12214 name: Supervised Machine Learning

::Supervised Machine Learning::Supervised Machine Learning{

=can reduce noise

~mapping constraints

~both

~none

}

// question: 12213 name: Supervised machine Learning uses cluster analysis

::Supervised machine Learning uses cluster analysis::Supervised machine Learning uses cluster analysis{

=True

~False

}

// question: 12226 name: Supervised Machine Learning can be applied to the problems of

::Supervised Machine Learning can be applied to the problems of::Supervised Machine Learning can be applied to the problems of{

~Business

~Medicine

~Astrophysics

~Public Policy

=All

}

// question: 12207 name: Supervised machine learning will easily process the data compared to ...

::Supervised machine learning will easily process the data compared to ...::Supervised machine learning will easily process the data compared to unsupervised machine learning{

=True

~False

}

// question: 12209 name: Supervised machine learning is cost effective compared to Reinforcement Learning

::Supervised machine learning is cost effective compared to Reinforcement Learning::Supervised machine learning is cost effective compared to Reinforcement Learning{

~True

=False

}

// question: 12218 name: Support Vector means

::Support Vector means::Support Vector means{

~Object,Space

=Attribute,value

~both

~none

}

// question: 12210 name: The following machine learning model can be used through SVM's

::The following machine learning model can be used through SVM's::The following machine learning model can be used through SVM's{

=Supervised

~unSupervised

~Reinforcement

~none

}

// question: 12220 name: The Following model depends on True or false condition

::The Following model depends on True or false condition::The Following model depends on True or false condition{

~Linear

~Non-Linear

=Probablistic

~None

}

// question: 12234 name: The set of approaches for estimating f are called as

::The set of approaches for estimating f are called as::The set of approaches for estimating f are called as{

~Deep Learning

=Statistical Learning

~Both

~None

}

// question: 12208 name: Unsupervised machine Leaning will address design patterns of data

::Unsupervised machine Leaning will address design patterns of data::Unsupervised machine Leaning will address design patterns of data{

=True

~False

}

// question: 12233 name: What is f(x) specifies in the given equation Y = f(X) + ϵ.

::What is f(x) specifies in the given equation Y \= f(X) + ϵ.::What is f(x) specifies in the given equation Y \= f(X) + ϵ.{

~The systematic information that Y provides about X

=The systematic information that X provides about Y

~Both

~None

}

// question: 12237 name: Which methods are used to estimate f?

::Which methods are used to estimate f?::Which methods are used to estimate f?{

~Linear Model

~Non-Linear Model

=Both

~None

}

// question: 12230 name: Which of the following is a method of Unsupervised Machine Learning

::Which of the following is a method of Unsupervised Machine Learning::Which of the following is a method of Unsupervised Machine Learning{

~Classification

~Regression

=Clustering

~None

}

// question: 12235 name: Which of the following is a prediction problem?

::Which of the following is a prediction problem?::Which of the following is a prediction problem?{

=the value of a home given its characteristics\: is this house under- or over-valued?

~how much extra will a house be worth if it has a view of the river?

~Both

~None

}

// question: 12236 name: Which of the following is an Inference problem?

::Which of the following is an Inference problem?::Which of the following is an Inference problem?{

~the value of a home given its characteristics\: is this house under- or over-valued?

=how much extra will a house be worth if it has a view of the river?

~Both

~None

}

// question: 12239 name: which of the following operates in Supervised Learning Domain?

::which of the following operates in Supervised Learning Domain?::which of the following operates in Supervised Learning Domain?{

~Linear Regression

~Logistic Regression

~Support Vector Machines

=All

}