

Grand Assessment - Data Analytics (Professional Readiness for Innovation, Employability, Entrepreneurship by IBM)- Group -3

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Grand Assessment



Which of the following algorithm doesn't provide learning rate? *

- ☐ Gradient Boosting
- ☐ AdaBoosting
- ☒ Random Forest
- ☐ XGBoosting

Which of the following is an error function? *

- ☐ Softmax
- ☒ Cross-entropy
- ☐ ReLU
- ☐ None of the above

KNN can be used for regression. *

State True/False?

- ☒ TRUE
- ☐ FALSE



Which of the following algorithms are supervised? *

- ☐ Logistic Regression
- ☐ Naive bayes
- ☐ Random Forest
- ☒ All of the above

which of the following are statistical models? *

- ☐ linear regression
- ☐ pca
- ☐ Decision trees
- ☒ All of the above

Decision trees can be used for both classification and regression. *

- ☒ True
- ☐ False



which of the following visualisation is used for detecting outliers *

- ☐ Line Plot
- ☒ Boxplot
- ☐ barplot
- ☐ histplot

which of the following visualisation is used for finding correlation *

- ☐ histplot
- ☒ Scatterplot
- ☐ boxplot
- ☐ barplot

Random forest is used for both classification and regression. *

State True/False?

- ☒ True
- ☐ False



For multiclass classification problem which algorithm is not the solution? *

- ☒ Naive Bayes
- ☐ Logistic Regression
- ☐ Random Forest
- ☐ Decision trees

Why do we use functions in python? *

- ☐ Increase program readability
- ☐ avoid repetition of codes
- ☐ Reduces chances of error
- ☒ All of the above

can a function be outside of a class in python *

- ☒ TRUE
- ☐ FALSE

A technique of calling a function inside itself is called recursive function? *
State True/False?

- ☒ TRUE
- ☐ False



which of the following are immutable? *

a)lists b)tuples c)dictionaries d)sets

- ☐ Both a and c
- ☐ Both b and c
- ☒ both b and d
- ☐ All of the above

which of the following are mutable? *

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which of the following are set methods in python? *

- ☐ add()
- ☐ clear()
- ☐ copy()
- ☒ All of the above



what are the atomic types in python? *

- ☐ int
- ☐ floats
- ☐ booleans
- ☒ All of the above

Is python case sensitive when dealing with identifiers? *

- ☐ No
- ☒ yes

which type of programming does python support? *

- ☐ Object oriented
- ☐ Structured
- ☐ Functional Programming
- ☒ All of the above

Does class take up space in memory *

- ☒ TRUE
- ☐ FALSE



Why is IBM cognos is used? *

- ☐ Reporting
- ☐ monitoring
- ☐ analytics
- ☒ All of the above

What are the tools used in lbm cognos? *

- ☐ Reporting studio
- ☐ Query Studio
- ☐ analysis studio
- ☒ All of the above

What is the tool used for creating reports in IBM cognos analytics *

- ☐ Reporting studio
- ☐ Query Studio
- ☒ analysis studio
- ☐ Event studio



can IBM cognos be used to create multiple dashboards and stories *

- ☒ TRUE
- ☐ FALSE

what are the layers in framework manager in cognos? *

- ☐ Databaselayer
- ☐ analytical layer
- ☐ reporting layer
- ☒ managerial layer

What is default port number? *

- ☒ 5000
- ☐ 6000
- ☐ 2020
- ☐ 8080



Which http method is used to retrieve data from a server? *

- ☒ GET
- ☐ POST
- ☐ PUT
- ☐ DELETE

How can you render a template in flask? *

- ☒ render_template()
- ☐ load_template()
- ☐ create_template()
- ☐ get_template()

Flask is a microframework state True or False? *

- ☒ TRUE
- ☐ False



Which of the following decorator is used to bind url to a function in flask? *

- ☒ route()
- ☐ rend()
- ☐ read()
- ☐ write()

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