Answers Type : Equal

Text Areas : PlainText

Possible Answers :

5

TDS

Section Id :	64065349269
Section Number :	10
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	21
Number of Questions to be attempted :	21
Section Marks :	20
Display Number Panel :	Yes
Section Negative Marks :	0
Group All Questions :	No
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	640653103318
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 229 Question Id : 640653697811 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 0

Question Label : Multiple Choice Question

THIS IS QUESTION PAPER FOR THE SUBJECT "DIPLOMA LEVEL : TOOLS IN DATA SCIENCE (COMPUTER BASED EXAM)"

ARE YOU SURE YOU HAVE TO WRITE EXAM FOR THIS SUBJECT?

CROSS CHECK YOUR HALL TICKET TO CONFIRM THE SUBJECTS TO BE WRITTEN.

(IF IT IS NOT THE CORRECT SUBJECT, PLS CHECK THE SECTION AT THE TOP FOR THE SUBJECTS REGISTERED BY YOU)

Options :

6406532330571. ✔ YES

6406532330572. ✖ NO

Sub-Section Number :	2
Sub-Section Id :	640653103319
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 230 Question Id : 640653697812 Question Type : MSQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Max. Selectable Options : 0

Question Label : Multiple Select Question

How do we find (using Python) all the possible values of categories inside a Pandas data-frame column named 'book'? The name of the Pandas data-frame is data_df.

Options :

6406532330573. ✔ data_df.book.unique()

6406532330574. ✖ data_df.book.category_name()

6406532330575. ✖ data_df['book'].distinct()

6406532330576. ✔ data_df['book'].unique()

Question Number : 231 Question Id : 640653697814 Question Type : MSQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Max. Selectable Options : 0

Question Label : Multiple Select Question

Which of these are Python libraries specifically useful for Geospatial analysis:

Options :

6406532330581. ✔ Geopandas

6406532330582. ✹ QGIS

6406532330583. ✔ Folium

6406532330584. ✹ OpenStreetMap

Question Number : 232 Question Id : 640653697818 Question Type : MSQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Max. Selectable Options : 0

Question Label : Multiple Select Question

Using cross-validation we find that the ideal K in a K-Nearest Neighbour procedure is 6. Your friend does not use cross-validation but instead guesses a K of 2. His predictor would:

Options :

6406532330597. ✹ have higher bias

6406532330598. ✔ have higher variance

6406532330599. ✹ have lower bias

6406532330600. ✹ have lower variance

6406532330601. ✔ overfit the data compared to your solution

6406532330602. ✹ underfit the data compared to your solution

Question Number : 233 Question Id : 640653697823 Question Type : MSQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Max. Selectable Options : 0

Question Label : Multiple Select Question

The analysis metric slope can be observed through which of the following ways?

Options :

6406532330618. ✔ Trend Line in Line Chart

6406532330619. ✔ SLOPE function

6406532330620. ✘ None of these

Question Number : 234 Question Id : 640653697831 Question Type : MSQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Max. Selectable Options : 0

Question Label : Multiple Select Question

Under which of the following parts of inspect elements can you find cookie information?

Options :

6406532330647. ✘ Elements

6406532330648. ✔ network

6406532330649. ✘ Source

6406532330650. ✔ Application

Sub-Section Number :	3
Sub-Section Id :	640653103320
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 235 Question Id : 640653697813 Question Type : MCQ Is Question

Correct Marks : 1

Question Label : Multiple Choice Question

By default, for making connections in a Kumu network, which of the following column names are necessary for the data frame that is passed?.

Options :

6406532330577. � name , attribute

6406532330578. ✷ to , from

6406532330579. ✔ from , to

6406532330580. ✷ first , second

Question Number : 236 Question Id : 640653697815 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

If the p-value in a regression analysis is less than the significance level (e.g., 0.05), what does it generally indicate?

Options :

6406532330585. ✷ There is no relationship between variables

6406532330586. ✷ The analysis is inconclusive

6406532330587. ✔ The relationship between variables is statistically significant

6406532330588. ✷ The model is overfitting

Question Number : 237 Question Id : 640653697816 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

What is OpenRefine used for?

Options :

6406532330589. ✔ Data cleaning and transformation

6406532330590. ✖ Data compression and storage

6406532330591. ✖ Real-time data analysis

6406532330592. ✖ Open source refined data

Question Number : 238 Question Id : 640653697817 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

In the WEEKNUM function, how can you change the starting day of the week to Sunday?

Options :

6406532330593. ✖ By using the optional argument: =WEEKNUM(A1, 1)

6406532330594. ✖ It is not possible to change the starting day

6406532330595. ✔ By using the optional argument: =WEEKNUM(A1, 7)

6406532330596. ✖ By adjusting the Excel settings in the options menu

Question Number : 239 Question Id : 640653697819 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

We are interested in fitting an ARIMA model to our time series data. Specifically, we are interested in a moving average model of 0, setting a lag value of 4 for autoregression, and a difference order

of 1. Which of the following gives you such a model?

Options :

6406532330603. ✸ ARIMA(..., trend = (4,1,0))

6406532330604. ✔ ARIMA(..., order = (4,1,0))

6406532330605. ✸ ARIMA(..., order = (0,4,1))

6406532330606. ✸ ARIMA(..., trend = (0,4,1))

Question Number : 240 Question Id : 640653697820 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Subjectivity score ranges between -1 to +1.

Options :

6406532330607. ✸ TRUE

6406532330608. ✔ FALSE

Question Number : 241 Question Id : 640653697821 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Which of the following tab in chrome devtools will show API calls on the website?

Options :

6406532330609. ✸ Elements

6406532330610. ✸ Console

6406532330611. ✸ Sources

6406532330612. ✔ Network

6406532330613. ✸ APILogs

Question Number : 242 Question Id : 640653697822 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Chrome devtools can be accessed by which of the following steps?

Options :

6406532330614. ✸ Right click, choose View page-source

6406532330615. ✔ Right click, choose Inspect

6406532330616. ✸ Settings, more tools and choose Developer Tools

6406532330617. ✸ Settings, extensions and search for devtools

Question Number : 243 Question Id : 640653697824 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Nominatim can output the type of place for every latitutde longitude.

Options :

6406532330621. ✔ TRUE

6406532330622. ✸ FALSE

Question Number : 244 Question Id : 640653697825 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Correct Marks : 1

Question Label : Multiple Choice Question

What Streamlit command is used to add text to the app interface?

Options :

6406532330623. ✳ st.add_text()

6406532330624. ✔ st.text()

6406532330625. ✳ st.insert_text()

6406532330626. ✳ st.display_text()

Question Number : 245 Question Id : 640653697826 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

What is a "Tableau Workbook" in Tableau terminology?

Options :

6406532330627. ✳ A workbook created in Microsoft Excel

6406532330628. ✔ A Tableau file containing sheets, dashboards, and stories

6406532330629. ✳ A spreadsheet in Tableau

6406532330630. ✳ A summary of visualizations

Question Number : 246 Question Id : 640653697827 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

K-Means clustering algorithm is sensitive to the initial choice of centroids. Which parameter in kmeans() function helps the user mitigate this problem?

Options :

6406532330631. ✳ algorithm

6406532330632. ✳ max_iter

6406532330633. ✳ n_clusters

6406532330634. ✔ n_init

Question Number : 247 Question Id : 640653697828 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

What is the purpose of the "st.button()" command in a Streamlit app?

Options :

6406532330635. ✔ Adds a button to trigger an action

6406532330636. ✳ Displays the current status of the app

6406532330637. ✳ Resets all input fields

6406532330638. ✳ Turns the app into full-screen mode

Question Number : 248 Question Id : 640653697829 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

What happens if you choose the "Delimited" option in "Text to Columns" and don't select any delimiter?

Options :

6406532330639. ✖ The text will be split based on spaces

6406532330640. ✔ The text will not be split, and the original content remains unchanged

6406532330641. ✖ An error message will be displayed

6406532330642. ✖ The text will be split into individual characters

Question Number : 249 Question Id : 640653697830 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

How can you change the calculation performed in the "Values" area of a Pivot Table?

Options :

6406532330643. ✔ By selecting a function from the "Summarize Values by" in the "Value Field settings"

6406532330644. ✖ By right-clicking the cell and choosing "Change Calculation"

6406532330645. ✖ By dragging a new field into the "Values" area

6406532330646. ✖ By adjusting the cell formatting in the "Values" area

CT

Section Id :	64065349270
Section Number :	11
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	18
Number of Questions to be attempted :	18
Section Marks :	100