

[Dashboard](#) / [My courses](#) / [Department](#) / [Computer Science and Engineering](#) / [Ankita](#) / [DATA SCIENCE \(290501\) CSD V- \(JULY - DEC 2023\)](#) / [Quiz 1](#)

**Started on** Sunday, 20 August 2023, 1:00 PM

**State** Finished

**Completed on** Sunday, 20 August 2023, 1:03 PM

**Time taken** 2 mins 29 secs

Question **1**

Complete

Marked out of 1.00

Which of the following are the Data Sources in data science?

- ☐ a. UnStructured
- ☒ b. Both (a) and (b)
- ☐ c. Structured
- ☐ d. None Of the above

Question **2**

Complete

Marked out of 1.00

Which of the following is not a application for data science?

- ☐ a. Online Price Comparison
- ☒ b. Image & Speech Recorder
- ☐ c. Price predication
- ☐ d. Recommendation Systems

Question **3**

Complete

Marked out of 1.00

Which of the following is one of the key data science skills?

- ☐ a. All of the mentioned
- ☒ b. Data Visualization
- ☐ c. Machine Learning
- ☐ d. Statistics

Question **4**

Complete

Marked out of 1.00

Which of the following is the most important language for Data Science?

- ☐ a. Java
- ☐ b. C++
- ☐ c. Excel
- ☒ d. Python

Question **5**

Complete

Marked out of 1.00

Which of the following step is performed by data scientist after acquiring the data?

- ☐ a. Data Forecasting
- ☐ b. Data Replication
- ☒ c. Data Cleaning
- ☐ d. Data Integration

[◀ Assignment 2](#)

Jump to...

[quiz 2 ▶](#)

[Dashboard](#) / [My courses](#) / [Department](#) / [Computer Science and Engineering](#) / [Ankita](#) / [DATA SCIENCE \(290501\) CSD V- \(JULY - DEC 2023\)](#) / [quiz 2](#)

**Started on** Saturday, 4 November 2023, 12:32 PM

**State** Finished

**Completed on** Saturday, 4 November 2023, 12:33 PM

**Time taken** 1 min 24 secs

Question **1**

Complete

Marked out of 1.00

Array-Valued Version of python range function in Numpy

- ☐ a. asarray()
- ☐ b. aarange()
- ☒ c. arange()
- ☐ d. aarray()

Question **2**

Complete

Marked out of 1.00

Function to get identity on diagonal we want,

- ☐ a. diagonal()
- ☐ b. identity()
- ☒ c. eye()
- ☐ d. Ones\_like()

Question **3**

Complete

Marked out of 1.00

Function used to produce array of all ones of shape and dtype similar to another array

- ☐ a. one.like()
- ☒ b. ones()
- ☐ c. one
- ☐ d. ones\_like()

Question **4**

Complete

Marked out of 1.00

np.empty(2,2),always return an array

- ☐ a. NaN(2,2)
- ☒ b. Garbage Value(2,2)
- ☐ c. Empty
- ☐ d. Consisting all Zero(2,2)

Question **5**

Complete

Marked out of 1.00

Using ndim we can find

- ☒ a. the dimension of the array
- ☐ b. Operational activities on Matrix
- ☐ c. None of the mentioned above
- ☐ d. Size of array

[◀ Quiz 1](#)[Assignment 3 ▶](#)

[Dashboard](#) / [My courses](#) / [Department](#) / [Computer Science and Engineering](#) / [Ankita](#) / [DATA SCIENCE \(290501\) CSD V- \(JULY - DEC 2023\)](#) / [Quiz 4](#)

**Started on** Saturday, 9 September 2023, 1:36 PM

**State** Finished

**Completed on** Saturday, 9 September 2023, 1:37 PM

**Time taken** 59 secs

Question **1**

Complete

Marked out of 1.00

Element wise Functions is

- ☐ a. Sum
- ☒ b. Sort
- ☐ c. None of option
- ☐ d. Both option

Question **2**

Complete

Marked out of 1.00

elemnet wise is applicable when arrays ...

- ☒ a. Same shape
- ☐ b. One is Scaler
- ☐ c. Both
- ☐ d. None

Question **3**

Complete

Marked out of 1.00

In argsort, sorting is done on

- ☐ a. Integer
- ☐ b. index
- ☐ c. Charcter
- ☒ d. Aggregate

Question **4**

Complete

Marked out of 1.00

ufunc support

- ☐ a. None
- ☒ b. Both
- ☐ c. Broadcasting
- ☐ d. Type casting

Question **5**

Complete

Marked out of 1.00

what will be output of `np.array1([1.0,0.0],[3.0,2.0])+ np.array2([1.0,2.0,3.0])`

- ☐ a. `([2.0,2.0,3.0],[4.0,4.0,3.0])`
- ☒ b. `ValueError`
- ☐ c. `([2.0,1.0],[4.0,3.0],[3.0,3.0])`
- ☐ d. `([2,2],[4,4])`

[◀ Quiz 3](#)

Jump to...

[Quiz 5 ▶](#)

[Dashboard](#) / [My courses](#) / [Department](#) / [Computer Science and Engineering](#) / [Ankita](#) / [DATA SCIENCE \(290501\) CSD V- \(JULY - DEC 2023\)](#) / [Quiz 5](#)

**Started on** Saturday, 30 September 2023, 2:02 PM

**State** Finished

**Completed on** Saturday, 30 September 2023, 2:03 PM

**Time taken** 1 min 13 secs

Question **1**

Complete

Marked out of 1.00

Amongst which of the following is / are not an iterative function for dataframe?

- ☐ a. iterrows()
- ☒ b. itercolumns()
- ☐ c. All of the mentioned above
- ☐ d. iteritems()

Question **2**

Complete

Marked out of 1.00

What will be the minimum number of arguments require to pass in pandas series?

- ☐ a. 3
- ☒ b. 1
- ☐ c. 2
- ☐ d. 4

Question **3**

Complete

Marked out of 1.00

Which of the following can be used to create various inputs using pandas DataFrame?

- ☐ a. Numpy ndarrays and Another DataFrame
- ☐ b. Lists, dict
- ☒ c. All of the above mentioned
- ☐ d. Series

Question **4**

Complete

Marked out of 1.00

Which of the following is a correct syntax for panda's dataframe?

- ☐ a. pandas.DataFrame(data, index, dtype, copy)
- ☐ b. pandas.DataFrame( data, index, rows, dtype, copy)
- ☐ c. Pandas.DataFrame(data, index, dtype, copy)
- ☒ d. pandas.DataFrame( data, index, columns, dtype, copy)

Question **5**

Complete

Marked out of 1.00

Which of the following is/are used to analyze the data in pandas?

- ☐ a. Series
- ☐ b. None of the mentioned above
- ☐ c. Dataframe
- ☒ d. Both A and B

[◀ Quiz 4](#)[Quiz 6 ▶](#)



[Dashboard](#) / [My courses](#) / [Department](#) / [Computer Science and Engineering](#) / [Ankita](#) / [DATA SCIENCE \(290501\) CSD V- \(JULY - DEC 2023\)](#) / [Quiz 6](#)

**Started on** Saturday, 30 September 2023, 2:15 PM

**State** Finished

**Completed on** Saturday, 30 September 2023, 2:16 PM

**Time taken** 1 min 42 secs

Question **1**

Complete

Marked out of 1.00

How to install PANDAS using python package

- ☐ a. pip
- ☐ b. pandas
- ☒ c. pip install pandas
- ☐ d. install pandas

Question **2**

Complete

Marked out of 1.00

PANDAS data structure for 3D data

- ☐ a. frame
- ☐ b. Series
- ☒ c. Dataframe
- ☐ d. Data series

Question **3**

Complete

Marked out of 1.00

PANDAS stand for

- ☒ a. Panel data
- ☐ b. Panel data dataframe
- ☐ c. panel data CSV
- ☐ d. Panel data analyst

Question **4**

Complete

Marked out of 1.00

Which of the following print series S in reverse order?

- ☐ a. `print(reverse S[1::1])`
- ☒ b. `print(S[::-1])`
- ☐ c. `print(S[-1::1])`
- ☐ d. `print(S[:1])`

Question **5**

Complete

Marked out of 1.00

Which of the following used to assign name to series?

- ☒ a. `series.name`
- ☐ b. `seriesname`
- ☐ c. `type.name`
- ☐ d. `name`

[◀ Quiz 5](#)[Assignment 4 ▶](#)

[Dashboard](#) / [My courses](#) / [Department](#) / [Computer Science and Engineering](#) / [Ankita](#) / [DATA SCIENCE \(290501\) CSD V- \(JULY - DEC 2023\)](#) / [Quiz 7](#)

**Started on** Saturday, 7 October 2023, 2:10 PM

**State** Finished

**Completed on** Saturday, 7 October 2023, 2:13 PM

**Time taken** 2 mins 55 secs

Question **1**

Complete

Marked out of 1.00

Boxplot are \_\_\_\_\_ representation of data.

- ☐ a. InterQuartile
- ☐ b. Quartile
- ☐ c. Median
- ☒ d. All

Question **2**

Complete

Marked out of 1.00

Cummilative frequency distribution of Time-series data can be visualized using

- ☐ a. Barplot
- ☐ b. Pieplot
- ☐ c. Scatterplot
- ☒ d. Histogram

Question **3**

Complete

Marked out of 1.00

Heatmap is used to find the \_\_\_\_\_ of features

- ☐ a. Co variance
- ☐ b. Mean
- ☒ c. Corelation
- ☐ d. relation

Question **4**

Complete

Marked out of 1.00

In boxplot values \_\_\_\_\_ are considered outliers.

- ☐ a. 2.5 IQR
- ☒ b. 1.5 IQR
- ☐ c. 1.75 IQR
- ☐ d. 1.0 IQR

Question **5**

Complete

Marked out of 1.00

what is the use of pair plot?

- ☐ a. Data Categorization
- ☐ b. Data Cleaning
- ☒ c. Feature Selection
- ☐ d. None

[◀ Assignment 4](#)[QUIZ 8 ▶](#)

[Dashboard](#) / [My courses](#) / [Department](#) / [Computer Science and Engineering](#) / [Ankita](#) / [DATA SCIENCE \(290501\) CSD V- \(JULY - DEC 2023\)](#) / [QUIZ 8](#)

**Started on** Saturday, 14 October 2023, 1:00 PM

**State** Finished

**Completed on** Saturday, 14 October 2023, 1:02 PM

**Time taken** 2 mins 17 secs

Question **1**

Complete

Marked out of 1.00

If the slope of the regression equation  $y = b_0 + b_1x$  is positive, then;

- ☐ a. as x decreases y increases
- ☐ b. Either a or b is correct
- ☐ c. as x increases y decreases
- ☒ d. as x increases so does y

Question **2**

Complete

Marked out of 1.00

In the regression equation  $Y = 21 - 3X$ , the slope is

- ☒ a. -3
- ☐ b. -21
- ☐ c. 21
- ☐ d. 3

Question **3**

Complete

Marked out of 1.00

In the regression equation  $y = b_0 + b_1x$ ,  $b_0$  is the;

- ☐ a. coefficient of determination
- ☐ b. independent variable
- ☒ c. y intercept
- ☐ d. slope of the line

Question **4**

Complete

Marked out of 1.00

The difference between the actual Y value and the predicted Y value found using a regression equation is called the

- ☐ a. scatter plot
- ☐ b. slope
- ☐ c. outlier
- ☒ d. residual

Question **5**

Complete

Marked out of 1.00

The process of constructing a mathematical model or function that can be used to predict or determine one variable by another variable is called

- ☒ a. regression
- ☐ b. outlier plot
- ☐ c. correlation
- ☐ d. residual

[◀ Quiz 7](#)[Course Outcome feedback ▶](#)

[Dashboard](#) / [My courses](#) / [Department](#) / [Computer Science and Engineering](#) / [Ankita](#) / [DATA SCIENCE \(290501\) CSD V- \(JULY - DEC 2023\)](#) / [Quiz 9](#)

**Started on** Saturday, 4 November 2023, 12:34 PM

**State** Finished

**Completed on** Saturday, 4 November 2023, 12:36 PM

**Time taken** 1 min 44 secs

Question **1**

Complete

Marked out of 1.00

If X and Y in a regression model are totally unrelated,

- ☐ a. the SSE would be 0
- ☐ b. the correlation coefficient would be -1
- ☒ c. the coefficient of determination would be 0
- ☐ d. the coefficient of determination would be 1

Question **2**

Complete

Marked out of 1.00

In regression analysis,  $R^2$  is also called the

- ☒ a. coefficient of determination
- ☐ b. residual
- ☐ c. coefficient of correlation
- ☐ d. standard error of the estimate

Question **3**

Complete

Marked out of 1.00

In the regression equation  $Y = 36 + 0.80X$ , the intercept is

- ☒ a. 36
- ☐ b. 1.00
- ☐ c. indeterminable
- ☐ d. 0.80

Question **4**

Complete

Marked out of 1.00

The coefficient of determination must be

- ☐ a. equal
- ☐ b. between -1 and 0
- ☒ c. between 0 and 1
- ☐ d. between -1 and +1

Question **5**

Complete

Marked out of 1.00

The total of the squared residuals is called the

- ☐ a. standard error of the estimate
- ☒ b. sum of squares of error
- ☐ c. coefficient of determination
- ☐ d. r-squared

[◀ Course Curriculum Feedback](#)

Jump to...