

	Question	Solution
1	What is the output? import pandas as pd s = pd.Series([1,2,3,4,5],index = ['a','b','c','d','e']) print(s['a'])	1
2	To extract the first three rows and three columns of a dataframe 'A' which of the following is correct:	A.iloc[0:3,0:3]
3	To extract row/column from a dataframe, which of the following function can be used?	loc()
4	To get the 3rd, 4th and 5th columns from the 6th to 9th rows of a dataframe A, which of the following is correct?	A.iloc[6:10, 3:6]
5	Which among the following options can be used to create a DataFrame in Pandas	All of them
6	Given a dataset named 'data' containing the 5 columns and 10 rows, find the output of the below code? print(len(data.columns))	5
7	Which of the following is/are used to get the columns named 'a' and 'b' from the data frame df?	print(df.loc[:,['a','b']])
8	What is the output of the following code? print(df.iloc[2:5])	prints the 2nd, 3rd,4th rows of the dataframe df
9	What is a correct syntax to return the first 20 rows of a DataFrame A?	A.head(20)
10	What is a correct syntax to load a Python Dictionary called "data" into a Pandas DataFrame?	pd.DataFrame(data)
11	What of the following answer will find the sum of x and y respectively and store them under row 'sum'? import pandas as pd data = { "x": [50, 40, 30], "y": [300, 1112, 42] } df = pd.DataFrame(data)	x = df.aggreate(["sum"])
12	Suppose dataframe roster has many columns: name, GPA, major and credit. Write code to find the median of GPA for all students.	roster['GPA'].median()
13	Which of the following function can be used to summarize general descriptive statistics (e.g., mean, mode, min, max) for a dataframe.	describe()
14.	Suppose we have two pandas series: series1 = pd.Series([1, 2, 3]) series2 = pd.Series(['A', 'B', 'C']) How can we concatenate them together?	pd.concat([series1, series2])
15	They are 4 types of joins available to Pandas merge() function, which one will give us all entries from left and any matches form right.	left