



Modules



Grades



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Assignment

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Week 1 Graded Assignment 1.2

The due date for submitting this assignment has passed.

Due on 2024-02-04, 23:59 IST.

You may submit any number of times before the due date. The final submission will be considered for grading.

You have last submitted on: 2024-02-02, 22:39 IST

[Click here for the dataset required to solve below questions](#)

Shape of the dataset is (10000, 12) [Please note that if you do not obtain this shape, it may indicate that the data was not uploaded correctly to the Colab environment.] For simplicity please consider all the unknown values (" ") as null values for this assignment.

Consider each question as individual question unless instructed otherwise and use the given csv data to compute all the solutions.

1) Select all the even indexed rows from the given dataset. What is the value in the 3rd indexed column of the 0th indexed row in the selected dataframe. (row/ column indexed from zero(0) in python/pandas)

111440.0

Yes, the answer is correct.

Score: 2

Accepted Answers:

(Type: Range) 111439,111441

2 points

2) Select all the even indexed rows from the given dataset. What is the value in the 3rd indexed column of the 332th indexed row in the selected dataframe. (row/ column indexed from zero(0))

256200.0

Yes, the answer is correct.

Score: 2

Accepted Answers:

(Type: Range) 256199,256201

2 points

3) Select all the odd indexed rows from the given dataset. What is the value in the 3rd indexed column of the 332th indexed row in the selected dataframe. (row/ column indexed from zero(0))

Please consider case sensitivity while giving your solution capital letter ≠ small letter

If it is a string don't write quotes in the solution.

352940.0

Yes, the answer is correct.

Score: 2

Accepted Answers:

(Type: Range) 352939 ,352941

2 points

4) Select all the odd indexed columns from the given dataset. What is the value in the 5th indexed column of the 100th indexed row in the selected dataframe. 2 points (row/ column indexed from zero(0))

Please consider case sensitivity while giving your solution capital letter ≠ small letter

If it is a string don't write quotes in the solution.

- ☐ A) Single Family
- ☒ B) West
- ☐ C) 2022
- ☐ D) Detached House

Yes, the answer is correct.

Score: 2

Accepted Answers:

B) West

5) Select all the even indexed columns and even indexed rows from the given dataset. What is the value in the 3th indexed column of the 255th indexed row in the selected dataframe. (row/ column indexed/starts from zero(0)) 2 points

Please consider case sensitivity while giving your solution capital letter ≠ small letter

If it is a string don't write quotes in the solution.

- ☐ A) Single Family
- ☐ B) West
- ☐ C) 2022

☒ D) Detached House

Yes, the answer is correct.

Score: 2

Accepted Answers:

D) Detached House

6) Determine the number of samples (rows) in the dataset that belong to the six most recent years, based on the provided data.

4749

Yes, the answer is correct.

Score: 2

Accepted Answers:

(Type: Numeric) 4749

2 points

7) Determine the number of samples (rows) in the dataset which has num_rooms = 3 and num_bathrooms = 3

2730

Yes, the answer is correct.

Score: 2

Accepted Answers:

(Type: Numeric) 2730

2 points

8) Determine the number of samples (rows) in the dataset which has num_rooms = 3 or num_bathrooms = 3

8591

Yes, the answer is correct.

Score: 2

Accepted Answers:

(Type: Numeric) 8591

2 points

9) In the **Year** 2022, how many houses (rows) located in the Greenwich **Locality** have exactly **num_room** == 3, and **facing** towards either the North or East?

42

Yes, the answer is correct.

Score: 2

Accepted Answers:

(Type: Numeric) 42

2 points

10) Calculate the number of samples(rows) that correspond to the month of August across all the years.?

1050

Yes, the answer is correct.

Score: 2

Accepted Answers:

(Type: Numeric) 1050

2 points

11) According to the data which Locality have highest average Sale Price?

☐ A) Waterbury

☐ B) Bridgeport

☒ C) Greenwich

☐ D) Norwalk

☐ E) Fairfield

☐ F) West Hartford

☐ G) Stamford

Yes, the answer is correct.

Score: 2

Accepted Answers:

C) Greenwich

2 points

