**Implementation Details**

You are given a Python function analyze\_data() that is meant to analyze a list of data points. Your task is to design comprehensive test cases to verify the correctness of this function. You should also create the analyze\_data() function based on the provided signature.

**Function Signature**

def analyze\_data(data):

# Implement this function to analyze the provided data.

pass

**Function Description**

The analyze\_data() function is expected to perform a few tasks on the given data list:

1) Find the minimum value in the data.

2) Find the maximum value in the data.

3) Calculate the average value of the data.

4) Identify the count of unique values in the data.

5) Determine the median value (the middle value when the data is sorted).

The function should ignore non-numeric data.

**Test Cases**

Design test cases to verify the correctness of the analyze\_data function. The following test cases should be included:

1) Test with a list of integers containing positive and negative values:

Input: [1, 5, -2, 8, 0, -2, 5, 1, 10, -5]

Expected Output:

Minimum: -5

Maximum: 10

Average: 2.0

Unique Values Count: 7

Median: 1.0

2) Test with a list of floats:

Input: [2.5, 3.5, 1.5, 2.5, 2.5]

Expected Output:

Minimum: 1.5

Maximum: 3.5

Average: 2.6

Unique Values Count: 3

Median: 2.5

3) Test with a list of mixed data types (integers, floats, and strings):

Input: [1, 3.5, "apple", 2.5, 1, 3, "banana"]

Expected Output:

Minimum: 1

Maximum: 3.5

Average: 2.2

Unique Values Count: 4

Median: 2.5

4) Test with a list of dates (datetime objects):

Input: [datetime.date(2022, 1, 1), datetime.date(2021, 1, 1), datetime.date(2022, 1, 1)]

Expected Output:

Minimum: None

Maximum: None

Average: None

Unique Values Count: 0

Median: None

5) Test with an empty list:

Input: []

Expected Output:

Minimum: None

Maximum: None

Average: None

Unique Values Count: 0

Median: None

**Example output**  
Test 1

Input: [1, 5, -2, 8, 0, -2, 5, 1, 10, -5]

Output: (-5, 10, 2.1, 7, 1.0)