## Unit Assessment: Excel & VBA

**Due** Sunday by 11:59pm **Points** 100 **Submitting** an external tool

You are about to complete your first Unit Assessment! This Unit Assessment allows you to check your knowledge, as well as demonstrate your competency in key concepts from Modules 1 and 2.

After submitting the assessment here, you will see a summary of your performance. While you will not be able to see your performance on individual questions, you are allowed unlimited attempts to complete the assessment.

Some of the questions on this assessment require specific resources. Download the following resources before you get started.

<u>Top5000Songs\_Unsolved.xlsx</u> (https://2u-data-curriculum-team.s3.amazonaws.com/dataviz-online/Unit-Assessment-Resources/M2-UA-Excel-VBA/Top5000Songs\_Unsolved.xlsx)

<u>conditional\_formatting.xlsx</u> (https://2u-data-curriculum-team.s3.amazonaws.com/dataviz-online/Unit-Assessment-Resources/M2-UA-Excel-VBA/conditional formatting.xlsx)

<u>ProductionPivot\_Unsolved.xlsx</u> (https://2u-data-curriculum-team.s3.amazonaws.com/dataviz-online/Unit-Assessment-Resources/M2-UA-Excel-VBA/ProductionPivot\_Unsolved.xlsx)

<u>house\_data.csv</u> (https://2u-data-curriculum-team.s3.amazonaws.com/dataviz-online/Unit-Assessment-Resources/M2-UA-Excel-VBA/house data.csv)

<u>ePhone\_prices.xlsx</u> <u>(https://2u-data-curriculum-team.s3.amazonaws.com/dataviz-online/Unit-Assessment-Resources/M2-UA-Excel-VBA/ePhone\_prices.xlsx)</u>

<u>star\_counter.xlsm</u> (https://2u-data-curriculum-team.s3.amazonaws.com/dataviz-online/Unit-Assessment-Resources/M2-UA-Excel-VBA/star\_counter.xlsm)



3.31

Using Top5000Songs_Unsolved.xlsx, what is the mean (to the nearest hundredth) of "final_score" for all 5,000 songs?	
O 8.18	
8.189089	
8.19	•
○ 8.20	
Attempt #1: 5/5 (Score: 5/5)	
Using Top5000Songs_Unsolved.xlsx, what is the median (to the nearest hundredth) of "raw_usa" for all 5,000 songs?	
4.34	•
O 4.74	

What icon is applied to cell A1?

Red XYellow circle

1159

21207

406

Attempt #1: 5/5 (Score: 5/5)

Create a VBA script that tallies the number of "Full Stars" per student and enters them into the Total column.

What is the average number (to the nearest hundredth) of stars for each student?

3.36

- 3.40
- 3.37
- 3.3

Attempt #1: 5/5 (Score: 5/5)

The following code has a syntax error. Which line of code contains the syntax error?

```
1 Sub SumNumbers()
2
      Dim total As Integer
      total = 0
3
      For i = 1 To 100
4
5
          total = total + i
      End For
6
7
      MsgBox (i)
8 End Sub
Line 1
Line 2
```

- Line 3
- Line 4
- Line 5
- Line 6
- Line 7
- Line 8

Attempt #1: 5/5 (Score: 5/5)

The following code snippet calculates the sum of values in cells A1 to A100, but one line has been obscured with asterisks (\*\*\*). What is the obscured line?

```
******
For i = 1 To 100
   total = total + Cells(i, 1).Value
Next i
```

- MsgBox("total")
- Sub Calculate():

Attempt #1: 0/5 (Score: 0/5)