

Jupyter_Notebook

April 24, 2023

Add your code below following the instructions given in the course

1 Henry Kato - Peer Review Assignment

1.1 Introduction

Welcome to my assignment Jupyter Notebook. Here, I will demonstrate the knowledge I have acquired in the tools of data science course

1.2 Data Science Languages

1. Python
2. R
3. SQL
4. Julia
5. Scala

1.3 Data Science Libraries

1. NumPy
2. Seaborn
3. Pandas
4. TensorFlow
5. Matplotlib

1.4 Table of Data Science Tools

Number	Tool Name
1	R-Studio
2	Jupyter Notebook
3	JupyterLab
4	GitHub
5	Relational Database Management System

1.5 Arithmetic Expression Examples

Arithmetic expressions are mathematical expressions in code that consists of a numeric value. These expressions can be evaluated to produce a numerical result. Here are some examples:

1. Addition: $2 + 2 = 4$
2. Subtraction: $10 - 5 = 5$
3. Multiplication: $3 * 4 = 12$
4. Division: $10 / 2 = 5$

In Data Science, arithmetic expressions are often used to perform calculations on numerical data, such as computing summary statistics or manipulating data in a DataFrame. It's important to have a good understanding of arithmetic expressions in order to work effectively with numerical data.

```
[3]: # Multiply two numbers
x = 3 * 3

# Add two numbers
y = 4 + 4

# print the results
print("x is: ", x)
print("y is: ", y)
```

```
x is: 9
y is: 8
```

```
[4]: # Convert minutes to hours
mins = 120
hrs = mins / 60

# Print the result
print(mins, "translates to", hrs, "hours")
```

```
120 translates to 2.0 hours
```

1.5.1 Objectives

This assignment seeks to: 1. assess my understanding of Code and Markdown cells in Jupyter Notebook 2. assess my ability to share the Notebook on GitHub

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