



Data Science OTG

Welcome to my notebook! Feel free to follow along and explore the insights of data science. If you have any questions or suggestions, don't hesitate to reach out. Let's get started!

Data Science Languages

1. Python
2. R
3. SQL
4. Julia
5. Scala
6. Java
7. MATLAB
8. SAS

Data Science Libraries in Python

1. SciPy
2. PyTorch
3. Pandas
4. NumPy
5. Matplotlib
6. Seaborn
7. Scikit-learn
8. TensorFlow
9. Keras
10. NLTK
11. Statsmodels

Data Science Tools

1. Jupyter Notebook
2. Power BI
3. RStudio
4. Tableau
5. VS Code
6. Apache Spark
7. Git
8. Apache Hadoop
9. KNIME
10. TensorBoard
11. SAS Analytics

```
In [16]: # Arithmetic expression

## Subtraction
result_subtraction = 20 - 8
print("Subtraction:", result_subtraction)

## Addition
result_addition = 10 + 5
print("Addition:", result_addition)

## Multiplication
result_multiplication = 7 * 4
print("Multiplication:", result_multiplication)

## Division
result_division = 15 / 3
print("Division:", result_division)

## Exponentiation
result_exponentiation = 2 ** 3
print("Exponentiation:", result_exponentiation)

## Modulus
result_modulus = 17 % 5
print("Modulus:", result_modulus)

## Floor Division
result_floor_division = 17 // 5
print("Floor Division:", result_floor_division)
```

```
Subtraction: 12
Addition: 15
Multiplication: 28
Division: 5.0
Exponentiation: 8
Modulus: 2
Floor Division: 3
```

```
In [17]: # Multiplication and Addition
num1 = 5
num2 = 3

Multiplication = num1 * num2
Addition = num1 + num2

print(f"Multiplication Result: {Multiplication}")
print(f"Addition Result: {Addition}")
```

Multiplication Result: 15

Addition Result: 8

Conversion

minutes = 400 hours = minutes / 60

print(f"{minutes} minutes is equal to {hours:.2f} hours")

Objectives

1. Create a markdown cell with the title of the notebook.
2. Create a markdown cell for an introduction.
3. Create a markdown cell to list data science languages.
4. Create a markdown cell to list data science libraries.
5. Create a markdown cell with a table of Data Science tools.
6. Create a markdown cell introducing arithmetic expression examples.
7. Create a code cell to multiply and add numbers.
8. Create a code cell to convert minutes to hours.
9. Insert a markdown cell to list Objectives.
10. Create a markdown cell to indicate the Author's name.
11. Share your notebook through GitHub.
12. Take a screenshot of the first page of the notebook.

Author

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