

Exercise 2: Create a markdown cell with the title of the notebook (1 pt)

Markdown.

Data Science Notebook

Exercise 3: Create a markdown cell for an introduction (1 pt)

markdown

Introduction

This notebook contains various exercises related to data science, including language usage, libraries, tools, and arithmetic expressions.

Exercise 4: Create a markdown cell to list data science languages (3 pts)

markdown

Data Science Languages

- Python

- R

- SQL

- Julia

- Scala

Exercise 5: Create a markdown cell to list data science libraries (3 pts)

markdown

Data Science Libraries

- Pandas

- NumPy

- Matplotlib

- SciPy

- ggplot2

- TensorFlow

- Scikit-learn

Exercise 6: Create a markdown cell with a table of Data Science tools (3 pts)

markdown

Data Science Tools

Tool	Description
Jupyter Notebook	Interactive computing environment
RStudio	Integrated development environment for R
Apache Spark	Fast and general engine for big data processing
TensorFlow	Open-source machine learning framework

Exercise 7: Create a markdown cell introducing arithmetic expression examples (1 pt)

markdown

Arithmetic Expression Examples

Below are examples of basic arithmetic operations.

Exercise 8: Create a code cell to multiply and add numbers (2 pts)

python

```
# Multiplication and Addition
```

```
a = 5
```

```
b = 3
```

```
multiplication = a * b
```

```
addition = a + b
```

```
multiplication, addition
```

Exercise 9: Create a code cell to convert minutes to hours (2 pts)

python

```
# Convert minutes to hours
```

```
minutes = 120
```

```
hours = minutes / 60
```

```
hours
```

Exercise 10: Insert a markdown cell to list Objectives (3 pts)

markdown

Objectives

- Learn and apply data science languages.
- Utilize various data science libraries.
- Understand and use data science tools.
- Perform basic arithmetic operations.
- Share and present work through GitHub.

Exercise 11: Create a markdown cell to indicate the Author's name (2 pts)

markdown

Author

Your Name

Exercise 12: Share your notebook through GitHub (3 pts)

- Save your notebook.
- Go to your GitHub repository and upload the notebook file.
- Commit the changes to your repository.

Exercise 13: Take a screenshot of the first page of the notebook (1 pt)

- Open your notebook.
- Take a screenshot of the first page.
- Save and submit the screenshot as required.