DataScienceEcosystem

April 2, 2023

Add your code below following the instructions given in the course Exercise 2: Create markdown cell with title of the notebook

1 Data Science Tools and Ecosystem

Exercise 3 - Create a markdown cell for an introduction

In this notebook, Data Science Tools and Ecosystem are summarized. Therefore, the resolution of 12 application exercises on this subject will be presented.

Exercise 10 - Insert a markdown cell to list Objectives

Objectives: * Exercise 4 - popular languages that Data Scientists use * Exercise 5 - commonly used libraries used by Data Scientists * Exercise 6 - table of Data Science tools * Exercise 8 - simple arithmetic expression * Exercise 9 - expression to convert 200 minutes to hours

Exercise 4 - Create a markdown cell to list data science languages

Some of the popular languages that Data Scientists use are: 1. Python 2. R 3. SQL

Exercise 5 - Create a markdown cell to list data science libraries

Some of the commonly used libraries used by Data Scientists include: * Pandas * NumPy * Matplotlib * Seaborn

Exercise 6 - Create a markdown cell with a table of Data Science tools

Data Science Tools
MySQL
PostgreSQL
Apache AirFlow

Exercise 7 - Create a markdown cell introducing arithmetic expression examples

1.0.1 Below are a few examples of evaluating arithmetic expressions in Python

Exercise 8 - Create a code cell to multiply and add numbers

```
[1]: # This a simple arithmetic expression to mutiply then add integers
(3*4)+5
```

`[1]:` 17

Exercise 9 - Create a code cell to convert minutes to hours

```
[2]: # This will convert 200 minutes to hours by diving by 60 minutes
     200 / 60
```

`[2]:` 3.3333333333333335

Exercise 11 - Create a markdown cell to indicate the Author's name

1.1 Author:

Luís Gabriel Flores Andrade

Exercise 12 - Share your notebook through GitHub

[Respository on GitHub](#)

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