Data Science Ecosystem

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1 Data Science Tools and Ecosystem

1.0.1 In this notebook, Data Science Tools and Ecosystem are summarized

Objectives: * List popular languages for Data Science * Identify commonly used libraies for Data Science * Outline tools Data Scientist use * Execute and explain some Python codes

Some of the popular languages that Data Scientists use are: 1. Python Programming Language 2. R Programming Language 3. Java Programming Language 4. C++ Programming Language 5. C Programming Language

Some of the commonly used libraries used by Data Scientists include: * Pandas * NumPy * TensorFlow * ggplot2 * Matplotlib

Data Science Tools

Jupyter Lab
RStudio
Watson Studio

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

- [1]: # This a simple arithmetic expression to multiply, then add integers (3*4)+5
- [1]: 17

```
hours = 200//60
minutes = 200 % 60
print (f"{hours} hours & {minutes} minutes")
```

3.333333333333333

3 hours & 20 minutes

1.1 Author

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