Data Science Capstone Project

Introduction

This notebook provides an overview of various concepts in Data Science, including languages, libraries, tools, and examples of arithmetic expressions.

Data Science Languages

- Python
- R
- SQL
- Julia
- Scala

Data Science Libraries

- NumPy
- Pandas
- Matplotlib
- Scikit-learn
- TensorFlow
- Keras

Data Science Tools

Tool	Description
Jupyter Notebook	An interactive environment for coding
RStudio	Integrated development environment for R
Apache Hadoop	Framework for distributed storage
TensorFlow	Deep learning library

Arithmetic Expression Examples

Below are examples of basic arithmetic operations including addition, multiplication, and conversion of units.

Multiply and add two numbers

x = 5 y = 3 result = x * y + 2 result

Convert minutes to hours

minutes = 120 hours = minutes / 60 hours

Objectives

- Learn about Data Science languages and libraries
- Understand common Data Science tools
- Implement basic arithmetic operations in Python

Author

JAWAHAR RAJ N

```
In [ ]:
```