



Add your code below following the instructions given in the course

## Question:2. Data Science Tools and Ecosystem

Question:3. In this notebook, Data Science Tools and Ecosystem are summarized.

### Objectives:

- List popular languages for Data Science
- List commonly used libraries of Data Science
- Introduce basic arithmetic expressions in Python

## Question:4. Some of the popular languages that Data Scientists use are:

1. python
2. R
3. Julia

## Question:5. Some of the commonly used libraries used by Data Scientists include:

- numpy
- pandas
- matplotlib

Data Science Tool	Description
Jupyter Notebook	An open-source web application for creating and sharing documents containing live code, equations, visualizations, and narrative text.

Data Science Tool	Description
RStudio	An integrated development environment for R, a programming language for statistical computing and graphics.
Apache Spark	An open-source distributed computing system used for big data processing and analytics.
TensorFlow	An open-source machine learning library developed by Google to build and train machine learning models.
Scikit-learn	A Python library that provides simple and efficient tools for data mining and data analysis.

## Question:7. Below are few examples of evaluating arithmetic expressions in python:

```
In [3]: # This is a sample arithmetic expressions to multiply then odd integers  
answer= (3*4)+5  
answer
```

Out[3]: 17

```
In [5]: # This will convert 200 minutes to hours by dividing by 60  
minutes = 200  
hours = minutes/60  
hours
```

Out[5]: 3.3333333333333335

## Author

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```
In [ ]:
```