**Exercise 2: Create markdown cell with title of the notebook**

Create a markdown cell with the title Data Science Tools and Ecosystem using H1 style heading.

A screenshot of a computer

Description automatically generated

**Exercise 3 - Create a markdown cell for an introduction**

Write an introductory sentence about the notebook such as the follows:

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

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

Start the cell with an overview line such as:

Some of the popular languages that Data Scientists use are:  
Then create an ordered list (i.e. numbered) listing 3 (or more) commonly used languages for data science.

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Description automatically generated

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

Add an overview line to the cell like:

Some of the commonly used libraries used by Data Scientists include:  
Below this line add an ordered list listing 3 (or more) commonly used libraries in data science.

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

Create a single column table in this cell with the first row containing the header Data Science Tools. The subsequent three rows in the table should indicate three development-environment open-source tools used in data science.

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**Exercise 7 - Create a markdown cell introducing arithmetic expression examples**

Add a line in this cell with H3 style heading with text like:

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

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

In this code cell evaluate the expression (3\*4)+5.  
*Insert a comment line before the expression to explain the operation e.g.  This a simple arithmetic expression to multiply then add integers.*  
Then execute the cell to ensure the expression returns the expected output of 17.

A screen shot of a computer

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

In this code cell write an expression that converts 200 minutes into hours.  
*Insert a comment line before the expression to explain the operation e.g.  This will convert 200 minutes to hours by diving by 60.*  
Run the cell to evaluate the expression.

A screenshot of a computer

Description automatically generated

**Exercise 10 - Insert a markdown cell to list Objectives**

Below the introduction cell created in Exercise 3, insert a new markdown cell to list the objectives that this notebook covered (i.e. some of the key takeaways from the course). In this new cell start with an introductory line titled: Objectives: in bold font. Then using an unordered list (bullets) indicate 3 to 5 items covered in this notebook, such as List popular languages for Data Science.

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

In this markdown cell markdown cell include the following text Author in H2 style heading. Include your name as regular text below the word Author.

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**Exercise 12 - Share your notebook through GitHub**

Upload your notebook to a public respository on **GitHub**.

*Note : Please keep the****GitHub repo link****of the notebook handy.  
You will need to submit this link as a part of the assignment evaluation.*

**Exercise 13 -Take a screenshot of the first page of the notebook and save it as 1-notebook.png(Images can be saved with either the .jpg or .png extension.)**

*Refer to****Hands-on Lab: Getting Started with GitHub****to upload the downloaded notebook to****GitHub****.*

Congratulations on completing this project. In a subsequent item in the course you will submit a link to your notebook on GitHub and evaluate your peers.