**Data Science Quest I**

**About the Quest**

A garden owner would like to examine the distinctiveness of different Iris flower classes (Iris Setosa, Iris Versicolour, and Iris Virginica) in his garden based on historical data measurements (sepal length, sepal width, petal length, petal width). With understanding of the differences, he’d also like to create a tool with help from a top data scientist to quickly retrieve records of the most similar Iris flowers in his garden for any input Iris flower.

You, as a chosen data scientist, are required to develop a program using an open source programming language of your choice to perform the following:

* Reads in the data, accessed from: <https://archive.ics.uci.edu/ml/datasets/Iris>;
* Assesses the quality of the data;
* Takes as input arguments measured from a new Iris plant;
* Returns the ten most similar data points in the existing Iris data, to the inputted arguments of the program;
* Visualizes the result.
* Make a few slides to illustrate to business the approach and findings.

## Deliverables

When submitting your solution, you must include:

* A file containing the code for your developed program, submitted in the language of your choice;
* Instructions detailing how to build and run your code;
* Any tests that you’ve created during development;
* A description of how you may expand the solution given more time;
* A powerpoint presentation telling story of the solution
* If you use python markdown, please submit the HTML file as well along with the ipynb file
* Please provide a readme with instructions for a business user to run the solution
* If you would like to submit in zip file, please use Winzip instead of other types of zip files, e.g. 7zip