Report

Julia Programming language advantages:

1. Julia is Dynamic language (You can define datatypes):

   Julia is dynamically typed, feels like a scripting language, and has good support for interactive use.

2. Julia is super-fast (it is fast relatively to C):

   Julia was designed from the beginning for high performance. Julia programs compile to efficient native code for multiple platforms.

3. Julia is very efficient as it is written in Julia and has no dependencies to other languages (python based on C):

   Julia is based on Julia. 💪😇

4. Julia supports parallel code execution.

5. Julia is made for data science and more efficient at numerical computing, deep learning, and scientific applications.

6. Julia can call other languages packages / libraries

7. Can be used for other programming purposes like web or game development or Desktop Development

8. Just-in-time (JIT) compiler:

   Unlike a traditional compiler, which compiles entire code into the machine code before the program is run for the first time, a JIT compiler compiles the program right after it has started executing. This allows Julia to be dynamically typed (as types of values are determined at runtime) and have high performance (because consequent program executions do not recompile the code — instead they optimize it).

Project Idea:

Soccer Coach advisory system that helps coaches determine the result of the match based on the latest matches played before.
To use the system, you will just specify two teams and the system will predict who will win.

Wait for the presentation…