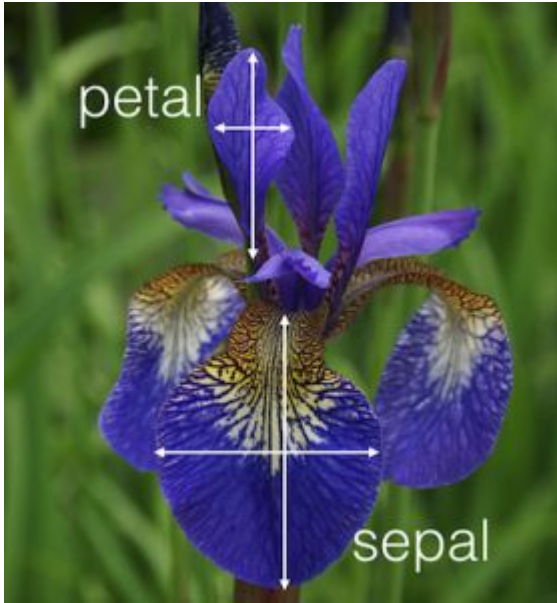


# Data Mining

Application In Modern Languages

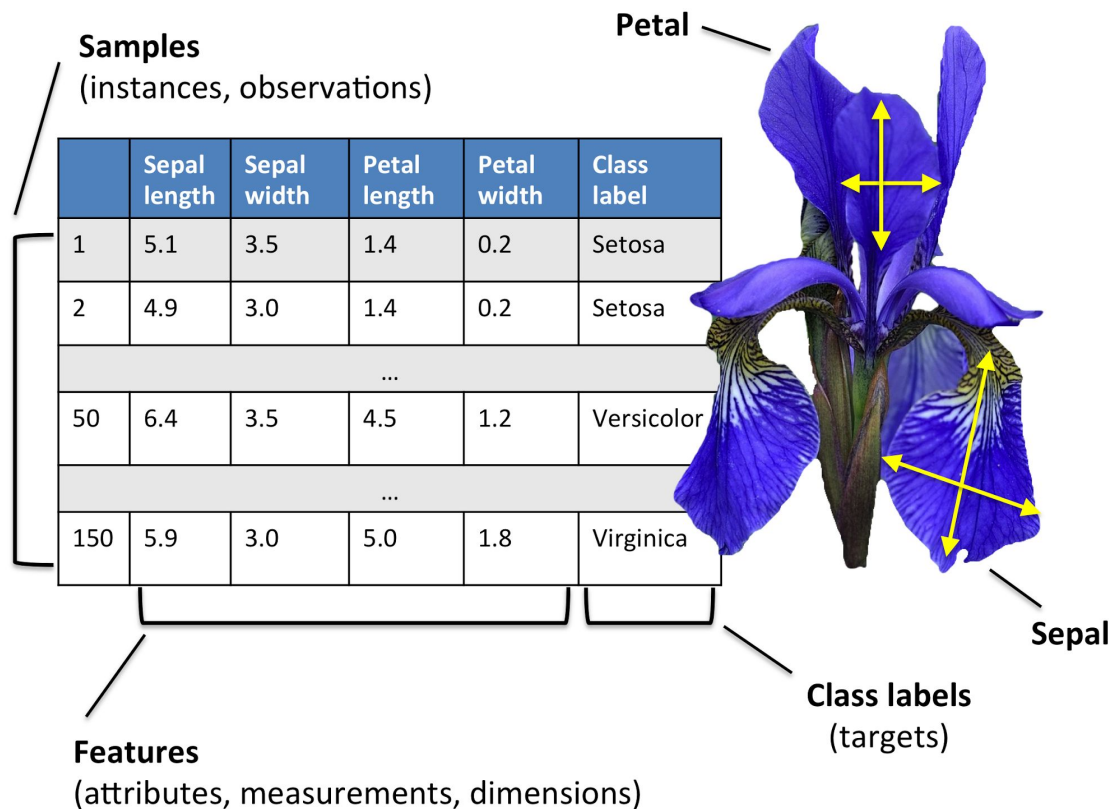
# What is DataMining



Source: [1]



# What is DataMining



# WhoAmI >> Masoud Kaviani



>> **Manager Of DataMinig Department**  
Khabarfarsi.com



>> **Participant**, BigData Research Center

>> **First Place In StackOverflow.com, Data Mining Tag,Month**



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## What Language To Use?

# PHP



What Language To Use?

Python



What Language To Use?

Java



What Language To Use?

# JavaScript





# What Language To Use?

**C, C++**



What Language To Use?

# Scala



What Language To Use?

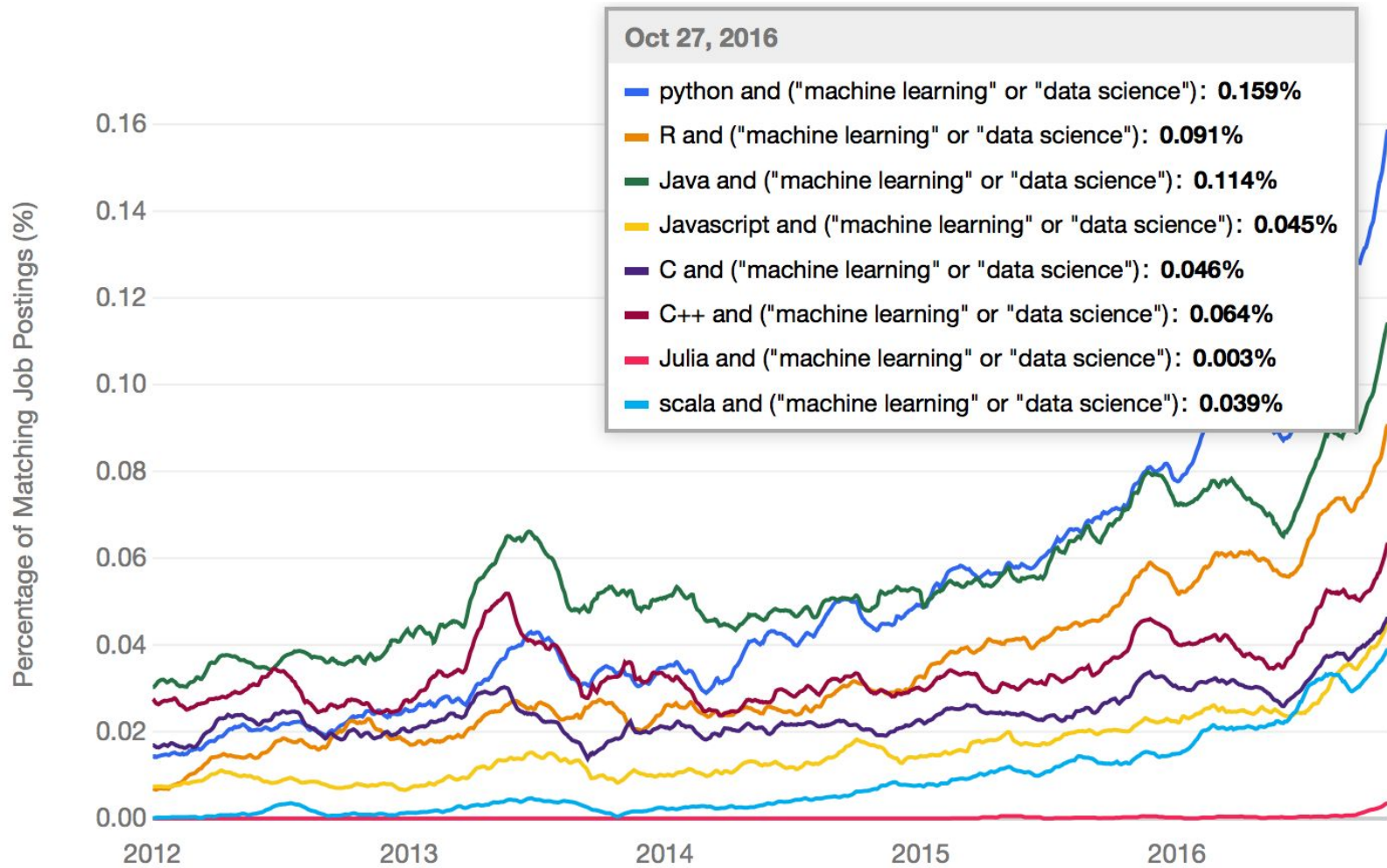
**Julia**



# What Language To Use?

**C#**





# Python

>> Pandas

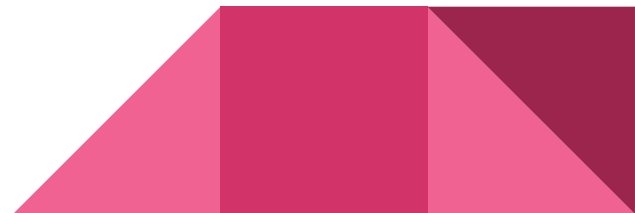
>> Numpy, Scipy

>> Scikit Learn

>> Tensorflow, Theano

>> Keras

>> Python Spark



# Java

>> **nd4j (Numpy For Java)**

>> **Weka**

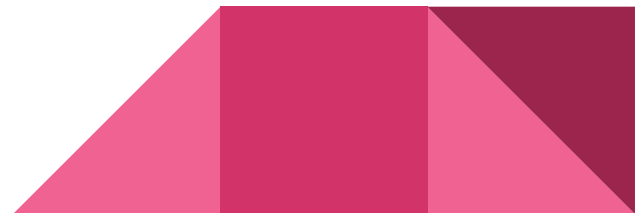
>> **DeepLearning4J (Deep Learning)**

>> **MOA (Data Streaming)**

>> **MALLET (NLP)**

>> **ELKI (Unsupervised)**

>> **Spark (Distributed)**



# C, C++

>> Dlib (DataMining, ImageProcessing)

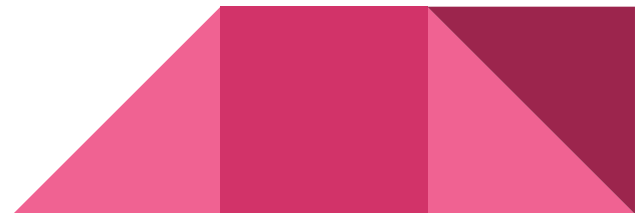
>> MLPack

>> Eigen (Linear Algebra)

>> BLAS (Linear Algebra)

>> LAPACK (Linear Algebra)

>> LibFatArray





# JavaScript

>> D3Js



# Scala

>> Spark (Distributed)

>> Breeze (Linear Algebra)

>> Scalala (Linear Algebra)





# Julia

Source: [5]



# PHP

>> PHP ML

>> FANN (Neural Networks)

>> Tensile (Tensorflow)

>> Wait for PHP 7 Extensions...



# C#

>> Accord Framework

>> MKL (Intel Math Kernel Lib)



# Images and Contents Sources

[1]

<http://blog.kaggle.com/2015/04/22/scikit-learn-video-3-machine-learning-first-steps-with-the-iris-data-set/>

[2] [http://sebastianraschka.com/Articles/2015\\_pca\\_in\\_3\\_steps.html](http://sebastianraschka.com/Articles/2015_pca_in_3_steps.html)

[3] [http://www.cs.toronto.edu/~urtasun/courses/CSC411\\_Fall16/CSC411\\_Fall16.html](http://www.cs.toronto.edu/~urtasun/courses/CSC411_Fall16/CSC411_Fall16.html)

[4]

[https://www.ibm.com/developerworks/community/blogs/jfp/entry/What\\_Language\\_Is\\_Best\\_For\\_Machine\\_Learning\\_And\\_Data\\_Science?lang=en](https://www.ibm.com/developerworks/community/blogs/jfp/entry/What_Language_Is_Best_For_Machine_Learning_And_Data_Science?lang=en)

[5] <http://en.unifrance.org/directories/person/412448/shahab-hosseini>, by © Habib\_Majid