API (Application Programming Interface) – a set of functions and procedures provided by information system to access and modify data of an operating system, application or other service.

Arithmetic mean – the mathematical average of a set of numerical values, calculated by dividing the sum of the values by the number of values.

Array – a set of numbers, symbols or any other objects that follow a specific pattern.

Artificial Intelligence – a branch of computer science concerned with building machines that can solve tasks which usually requires human assistance.

Compilation – the process of creating an executable program using source code written in a compiled programming language.

Database – an organized collection of information, commonly stored electronically in a computer system.

Distribution – the mathematical function that gives the probabilities of occurrence of different possible outcomes.

Encoding – the process of converting a sequence of characters into a specialized format.

Expected value – arithmetic mean if a large number of independently selected outcomes of a random variable.

Framework – a platform for developing software applications, which allows selectively override its behaviour.

Histogram – an approximate graphical representation of the distribution of numerical data.

Library – a collection of programs or functions used to optimize programming tasks.

Matrix – a rectangular array of objects, arranged in rows and columns.

Neural network – a model based on biological neural system, that describes a network with connection weights between nodes.

Object-oriented programming – a programming model that organizes software design around data, or objects rather than functions and logic

Pointer – a variable that contains the address of a location in the computer memory.

Polynomial – an expression consisting of variables and coefficients.

Random variable – a quantity or object which depends on random events.

Software – a set of instructions used to operate computers.

Variable – an abstract storage with an associated symbolic mane, which contains some value that can be changed.