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SUBSTITUTE PROGRAMMING LANGUAGES IN DATA **ANALYSIS**

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ABSTRACT

Data analysis in doing programming of languages main from the roles one information manipulation is to do Like Python, R and SQL programming languages different from sources information separate take, clean and change enable giver wide extensive libraries and functions offer is enough These languages information filtering, generalization and combine for installed functions provides this while to analysts next analysis for information preparation enable gives From this except, programming languages information analysis to do for statistics and analytical opportunities present is enough.

KEYWORDS

Programming, data analysis, Python, C++, high level programming language Information analysis to do to businesses their own complete potential come true release for better decisions acceptance to do help gives Data analysis to do for the best programming languages this in the field to you help gives.

INTRODUCTION

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Data analysis to do what Data analysis to do raw information change, cleaning and again work process own into takes Information analysts who does of work one part from the data belongs to information is to get it justified decisions acceptance is to do They are to companies trends according to right decision acceptance to do help giving risk analysis present is enough Analysis as a result valuable statistics and concepts are taken, they usually tables, diagrams, graphs and in pictures present will be done [1-7].

Programming languages what Programming languages to computers instructions gives High level programming language usually low level programming to the language than user for more convenient and it's winter and to write for it is more convenient. High level of languages source code reading easy has been from the syntax uses later on this central processor low level that the unit recognizes to the language is converted. High level famous languages include C, C++, Java, and JavaScript. Processors to the translator need low level without noticing languages manages these are computers directly who understands car languages [8-19].

good information Most analysis do programming languages:

- Python;
- R;
- SQL;
- Java;
- Scala.

Data analysis to do for the most good programming language which one Data analysis to do for the most good programming language your sure to your needs depends However, the data analysis to do for the most good the language when you are looking for, one how many languages separate stands Nevertheless, all the most good information analysis to do of languages strong and weak there are sides. Data analysis of doing the most famous programming languages and of them how use about below knowing take [20-27]

1. Python. Python is the future for the most famous programming from their languages is one This many p targeted, to the object directed the language reading easy and information analysis to do for good works It is information get, encode applications Create and websites Create for use can [28-31].

from Python that's it on purpose use for from you necessary coding the amount reduce for libraries download be required to receive can wide Programming language scope applications have and new starters for it is convenient. However, him information analysis to do for setup for time need to be can.

2. R. R is information analysis to do for used language Learning easy was this language like Python addition does not require libraries and in your data trends and patterns to find enable gives It is information for great visualization to do or statistics models Create for use can [32-38].

Information analysts use R because it is quantitative applications for statistics packages

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offer does To them neuron networks. phylogenetics, advanced or drawings and linear didn't happen regression enters R also changes adaptation for intended open source is a language

3. SQL. SQL is it to users relational data bases with communication do, they inside search and use for information ball gown enable giver strong script is a language This is the data sciences for famous programming language and his intuitive syntax study very easy because it is known one the goal for created using SQL business information analysis to do your learning can because it data manipulation to do for effective This skill on demand have that it was because of, him to teach one series SQL bootcamps there is

4. Java. Java is one that runs on the Java Virtual Machine (JVM). common purposeful language This high efficient language analytical methods and data science code to the base integration for strong tools offer is enough Today's in the day many modern systems on the Java server built This famous language data applications for important is a tool.

Java platforms between continuously portability provides. This is for him the computer intensive learning algorithms and special work release codes to write opportunity gives This is special statistics applications and special analyses ideal for.

5. Scala. Scala is it functional and to the object directed approaches have programming language Many p paradigm language in the JVM works, so for many data analysts, especially big voluminous data collections with those who work from him to use preferred they see

Scala is clustered count system with Apache Spark good works This is big in volume data collection with to work makes it easier. Scala is in Java bytecode compilation it will be done with the language Java to work possibility gives It is information analysts and data scientists for very many p features offer is enough

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