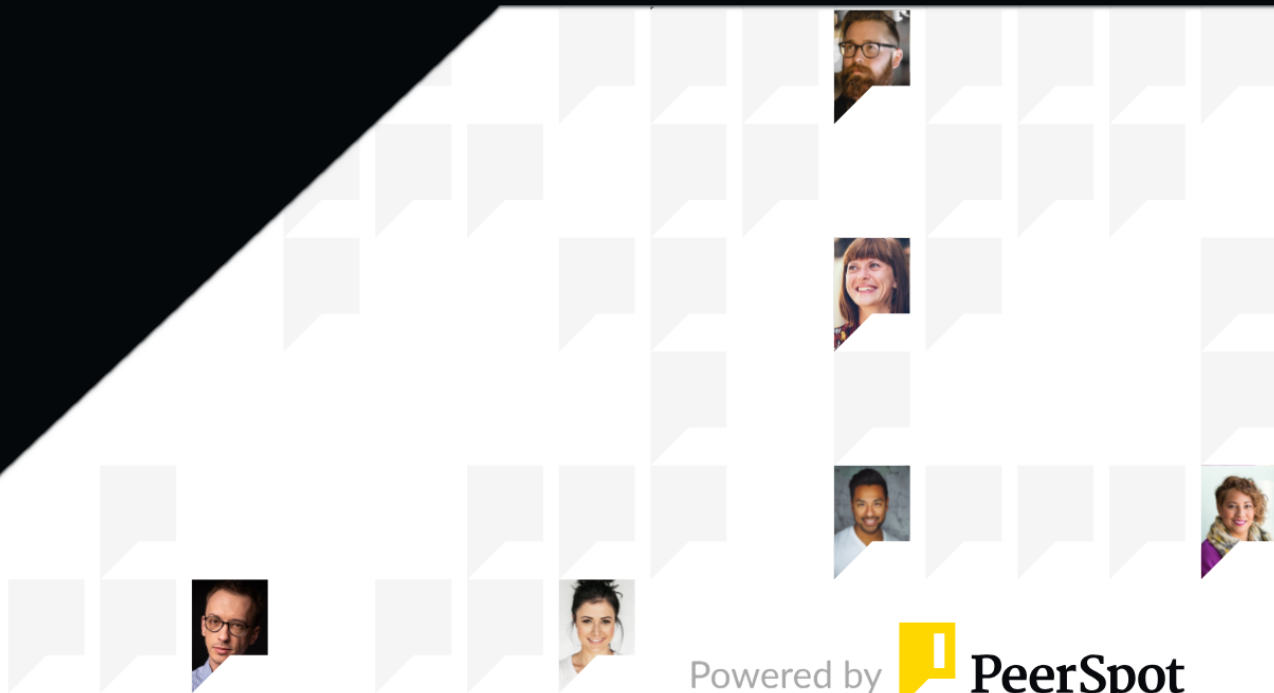


aws marketplace

Weka

Reviews, tips, and advice from real users



Powered by  PeerSpot

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Product Recap



Weka

Weka Recap

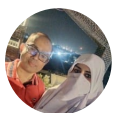
Weka is a collection of machine learning algorithms for data mining tasks. The algorithms can either be applied directly to a dataset or called from your own Java code. Weka contains tools for data pre-processing, classification, regression, clustering, association rules, and visualization. It is also well-suited for developing new machine learning schemes.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“It is a stable product.”



AwaisAnwar

Treasury Management in Finance Department at National University of Pakistan



“In Weka, anyone can access the program without being a programmer, which is a good feature since the entry cost is very low.”



Xavier Suriol

Manager, Facilities at XS AMSAFIS DATASETS, S.L.



“Weka eliminates the need for coding, allowing you to easily set parameters and complete the majority of the machine learning task with just a few clicks.”



Abuto Vincent

Weka Specialist at freelancer



“It doesn’t cost anything to use the product.”



Verified user

Student at a university with 1,001-5,000 employees



“With clustering, if it's a yes, it's a yes, if it's a no, it's a no. It gives you a 100% level of accuracy of a model that has been trained, and that is in most cases, usually misleading. Classification is highly valuable when done as opposed to clustering.”



Abuto Vincent

Weka Specialist at freelancer



“Weka is a very nice tool, it needs very small requirements. If I want to implement something in Python, I need a lot of memory and space but Weka is very lightweight. Anyone can implement any kind of algorithm, and we can show the results immediately to the client using the one-page feature. The client always wants to know the story. They want the result.”



Kh.Ehsanur Rahman

Freelance Data Scientist at Freelancer



“There are many options where you can fill all of the data pre-processing options that you can implement when you're importing the data. You can also normalize the data and standardize it in an easier way.”



ChristianRivera

Freelance Engineer at Autónomo

What users had to say about valuable features:

“The interface is very good, and the algorithms are the very best. Weka has a lot of algorithms and beautiful documentation for beginner learning. It is very good for my students. My students use Weka to learn data mining..”

Dragana Radosavljevic

PHD at FTN KM

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“There are many options where you can fill all of the data pre-processing options that you can implement when you're importing the data. You can also normalize the data and standardize it in an easier way. You have to do it in Python and you have to write some lines but in this case, it's in data pre-processing. For the model evaluation, you can build models for classification. .”

ChristianRivera

Freelance Engineer at Autónomo

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“Every method of machine learning is available on Weka. They may not be the ultimate solution, as R has many solutions since many university scholars use R to improve knowledge.

In Weka, every method is at your fingertips. In a language, the method must first be installed..”

Xavier Suriol

Manager, Facilities at XS AMSAFIS DATASETS, S.L.

[Read full review](#) 

“Weka's is fine for basic results, no big issues there.

But if you need visualizations, it's not the best choice. For someone who just needs analysis, Weka serves the purpose.

But nowadays, good visuals are crucial for presenting findings and telling a story. In my practical experience at the university, when people need quick results with strong visualizations, I don't recommend Weka..”

AwaisAnwar

Treasury Management in Finance Department at National University of Pakistan

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“Performance is one of the most valuable features. I can plug in any machine learning algorithm and it works perfectly. It is very easy to use the filter. Weka has a good number of filter options. If I compare it with other platforms, I can just use a filter with Weka and apply it. If I want to just convert the numeric data into categorical data, is only a one minute job. We just use a filter and it works. In other platforms, I need to write at least four or five lines of code and I have to check the data.

I'm very comfortable with Weka, for these kinds of things, especially their filter and their Classification Algorithm. They have a good number of algorithms. If I want to do this kind of thing with Python, it will take 20 lines of code minimum..”

Kh.Ehsanur Rahman

Freelance Data Scientist at Freelancer

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“We discovered that it could be used well with labs, thanks to the attributes and instances.

I like the fact that it doesn't require programming skills.

They have YouTube videos you can watch and learn and stuff. It's pretty straightforward. I know that it's user-friendly.

It doesn't cost anything to use the product.

There are some reviews a few people said they had used it, and they said it was good. With the little that I have done, I've noted that it has a good interface. There's data visualization. You can filter and create different scenarios and instances, add missing data, et cetera..”

Verified user

Student at a university with 1,001-5,000 employees

[Read full review](#) 

Other Solutions Considered

“I only compared Weka to R and Python and made no other comparisons. Additionally, I know several online solutions are available, but I do not use any of them. All my research is done on a desktop, not online..”

Xavier Suriol

Manager, Facilities at XS AMSAFIS DATASETS, S.L.

[Read full review](#) 

“I enjoy using Weka most of the time for machine learning and development. We only perform a task from data mining, classification, and collecting on top of Weka. TIBCO JasperSoft is only for masterwork and analysis and visualization..”

AbdulSamad

Data Science at Freelancer on UpWork


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“I have previously used Knime and Orange. Knime has better reviews. Weka has been used but it did not add too many features in the past few years. I think Weka and Orange are a bit stuck. Knime has grown a lot by adding more plugins, adding more capabilities for machine learning, and adding more algorithms.

Knime is more spread out and has better functionalities. .”

ChristianRivera

Freelance Engineer at Autónomo

[Read full review](#) 

“My primary interest lies in energy analytics, optimization, and related fields.

Unfortunately, I couldn't complete the project due to work commitments, but I realized KNIME would have been far better suited for such analysis. For data mining, I had two main options: Python libraries and KNIME. KNIME is a bit expensive, requiring membership, so I opted for Python's ease of use.

Python libraries offer free access and flexibility for various data mining tasks. Python is better than some of the state-of-the-art software..”

AwaisAnwar

Treasury Management in Finance Department at National University of Pakistan

[Read full review](#) 

“Currently, I am also using Tableau, SPSS, Python, TensorFlow, and a couple of other machine-learning platforms.

Compared to Weka, there are thousands and thousands of materials available in Python and R Programming. Their support teams are great and if you have questions, you'll get answers very quickly. Python is compatible with many other platforms as well, for example, you can use TensorFlow. You can go very deep into neural networks and everything can be implemented in programming languages, such as Python and R.

When it comes to Weka, I have not seen very deep neural networks — that kind of stuff is very complicated. It can be done, but it's very complicated. It's much easier with Python. That is one of the main differences that I've seen. I feel like Python is more popular than R Programming, but either way, we have the ability to do the same stuff with both programming languages. Overall, I feel like Python is easier to work with..”

Dilhani Withanage

Data Scientist - Upwork at Freelancer

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ROI

Real user quotes about their ROI:

“I think Weka is definitely a good investment, that is why we still use it. It has performance analytics as well so I think it is a better solution than others..”

Samir Kumar Singha

Solution Architect / Data Scientist (upwork) at Freelancer

[Read full review](#) 

Use Case

“In my university, we used Weka. Weka was used in marketing by my professor, I was preparing a presentation for PhD proposals specifically on energy consumption and renewable resource utilization. So, I needed data mining tools..”

AwaisAnwar

Treasury Management in Finance Department at National University of Pakistan

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“I used Weka for my Master's thesis. I've used it a couple of times for my personal usage or a quick analysis or graph. You can do a reselection quicker and you can get the graph and put it in our report and do classification. If any project is present, I could develop it..”

ChristianRivera

Freelance Engineer at Autónomo

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“I've handled different projects with this solution. After college, I've handled different projects. The most recent project that I handled was for a company from India. They were looking for a measure classification in regards to the type of engines that cars have, and the pollution levels that they have.

There was a mixture of text data that had to be classified. There was the need to transform the text data to a data type that would be easily classified. When employing text data you can't do classification directly. I had to clean the data and program all the variables to suit the required information..”

Abuto Vincent

Weka Specialist at freelancer

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“I work a lot with university students.

One of the latest projects I did was related to a classification problem. I had to use different algorithms such as neural networks, Support Vector Machines, nearest neighbor algorithm, decision trees — those types of different algorithms in order to do the machine learning parts.

I can't remember the exact data set that I recently worked with, but when it comes to machine learning and data mining, I have worked with different data sets. I use many algorithms in Weka in order to train and test those data sets..”

Dilhani Withanage

Data Scientist - Upwork at Freelancer

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“I run the method "Association rules" in Weka, and also regression trees like RandomForest.

Weka is written in Java like other standalone programs but as I don't know Java, I don't use its "Simple CLI" application. In Weka, I use menu options. I am mainly a programmer in R and although Weka has parsers for R, I don't use them.

If I didn't know any language, Weka would be my solution. But as I know R and Python, Weka is not my first solution although I acknowledge that for methods that I don't usually handle, Weka is the quickest way to approach them. If the user is not a programmer, Weka is the best option to approach machine learning..”

Xavier Suriol

Manager, Facilities at XS AMSAFIS DATASETS, S.L.

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“My domain is pure data analysis and data science machine learning. The first time I used Weka, five years back, I did a research project. I prefer to work with Weka whenever I have small and clear projects. Weka is a very nice tool and it helped me to solve any machine learning problem in one minute. In case of machine learning algorithms, classification, or support machines, I used to use this tool to implement those algorithms.

Whenever I get any work on any other platform suppose in hours. So what I initially do, I ran the data set in the Weka platform first. It gives me a clear view that this data set has certain attributes and offers some observations. I can implement different machine learning algorithms if this is a classification. I use two or three algorithms. If we find that the performance of the logistic regression is good then I can implement those in other platforms also. Weka is a good tool for any analysis. There are some missing values there. We can replace the missing values using the mean values. I use that filter to see which names were replaced. It's in the filter, then we have to go to that unsupervised, then replace missing values. I use that filter to replace missing data. Weka has the option to check important attributes. I use that internally, I found that everything is important. Then initially I applied my dataset to implement the classification problem.

There is less demand for projects that require Weka as opposed to R or Python..”

Kh.Ehsanur Rahman

Freelance Data Scientist at Freelancer

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Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

“I believe that the setup for this solution is simple. It is not difficult. It approaches the easy usual way for non-programmers. In comparison, setting up programs in R is much more difficult as it requires identifying and downloading specific packages..”

Xavier Suriol

Manager, Facilities at XS AMSAFIS DATASETS, S.L.

[Read full review](#) 

“The initial setup was straightforward. It is very intuitive and the tool is easy to use. There is some previous knowledge you have to have because you have to know some of the parameters are and what the influence on the final model is..”

ChristianRivera

Freelance Engineer at Autónomo

[Read full review](#) 

“The initial setup was really easy, simpler than a solution such as R language. The installation and launch for the linearization and regression tree were very quick. But to get to the last corner was problematic and might have taken a month or more. .”

Xavier Suriol


[Read full review](#) 

Manager, Facilities at XS AMSAFIS DATASETS, S.L.

“The initial setup is easy. You download and install it, and then you learn how to use it.

The solution is very low-maintenance. It is easy to maintain. .”

Verified user

[Read full review](#) 

Student at a university with 1,001-5,000 employees

“The initial setup is very easy. If we get a medium set of data and it's clear data, and if we get the tiered instruction, then Weka is the best tool. For simple analysis, I use Weka to first implement different kinds of models in Weka. If logistic regression gives me good prediction and accuracy, I implement this in R or Python. I use Weka as my first tool.

The time it takes to implement depends on the data set. If I know the data inspection, data cleaning, data implementation model, choose the best model, get the accuracy, it will take around a minimum of two hours..”

Kh.Ehsanur Rahman

Freelance Data Scientist at Freelancer

[Read full review](#) 

“Weka's ease of use is around seven out of ten. Anyone can pick it up. But the results could be improved, especially visualizations.

We used it offline, directly on the software.

The deployment is in between. Not super fast, but I haven't used other software for comparison.

Python libraries seem quicker at giving results, but Weka's not terribly slow for backups. It took a good three hours, but not excessively long..”

AwaisAnwar

Treasury Management in Finance Department at National University of Pakistan

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Customer Service and Support

“We don't use their official support but we use their forums. There's a lack of information for specific points, but in general, I could find their answer to 80% of my questions..”

ChristianRivera

Freelance Engineer at Autónomo

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“Although I have never contacted Weka's technical support team, I know they have a system similar to Google Groups. However, I am uncertain whether Weka created these groups or if they are affiliated with The University of Waikato and not Google.

I never asked for access to such a group..”

Xavier Suriol

Manager, Facilities at XS AMSAFIS DATASETS, S.L.

[Read full review](#) 

Customer Service:

It is open source and customer service is not something that is given. However, there is a community of Weka users and some documentation that can help with the use of Weka.

Technical Support:

Same thing as the customer service..”

Verified user

CEO with 11-50 employees

[Read full review](#) 

“The technical support is highly responsive. The university developed a 360-degree problem-solving platform. You find it entirely manageable, and interactive. Alongside that, if by any chance you're stuck at any point, then someone will get back to you via email or live chat. They're, highly interactive, and of course, they're there. It's why this is a very, very good platform..”

Abuto Vincent

Weka Specialist at freelancer

[Read full review](#) 

“The technical support isn't that great. On a scale from one to ten, I would give their support a rating of five to six.

I have very little experience when it comes to requesting support with Weka's official site. The support has been good, but it hasn't been quick — it takes some time. Generally speaking, with platforms such as Stack Overflow, the customer service is not that great..”

Dilhani Withanage

Data Scientist - Upwork at Freelancer

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Other Advice

“I recommend it. It's been around in the industry for a while, and I consider it one of the best, except for the visualization issue. It does not have good user-friendly graphics. It does not offer good visualization or presentation. Otherwise, it's very viable.

Overall, I would rate the solution a seven out of ten..”

AwaisAnwar

Treasury Management in Finance Department at National University of Pakistan

[Read full review](#) 

“My main recommendation is that if you want artificial intelligence, or machine learning, go for an easy and quick tool like Weka, otherwise, any language will have a more expensive entry cost.

I would rate this solution an eight out of 10. .”

Xavier Suriol

Manager, Facilities at XS AMSAFIS DATASETS, S.L.

[Read full review](#) 

“Users are often students and data scientists mostly. Most enterprises and maybe small business owners might use this product.

People should check it out. Depending on what they want to achieve with it and what they need, it might be a solution to look into.

I'd rate the solution a seven out of ten. It's free, and it's easy to use. You don't need to teach yourself, and video guides help you. There are books. There are literally online e-books on machine learning using Weka. It's pretty straightforward. .”

Verified user

Student at a university with 1,001-5,000 employees

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“Weka is good to start in data mining. The base had to be clear with base concepts about the models or algorithms you are going to use. You want to test or do some research first. But for production, it's not the best option. It would be a good tool for prototyping. Knime is the best tool for data mining.

Weka is good for structured table data. You can use many supervised or unsupervised algorithms, but it's very difficult to get interpretable results about the multilayer option it has. It's not so easy to understand the neural networks if you work with Weka. It would be better to work with unsupervised algorithms like tree-based or clustering algorithms, but not for neural networks. There are other tools that can be more useful.

I would rate Weka a seven out of ten. .”

ChristianRivera

Freelance Engineer at Autónomo

[Read full review](#) 

“Weka is a very simple tool and it has built-in algorithms, which we need do not to implement. It gives concise results that we can display to our clients. Weka is also a very useful tool for filtering. There are a set of built-in filters that we can use

to filter our data. If you want to take a sample set of data, suppose a specific percentage of data, or if we want to convert a specific data type to another data type, Weka has good filtering features. We can also use cluster and association rules in Weka. These are the advantages of Weka. If I compared this with R and Python, both can do things better than Weka. There is no doubt. But it is not easy to implement algorithms in R and Python, you need at least 20 lines of code and you need a specific setup. You need a specific setup. You need to import the data set. You need to use a different kind of package. With respect to Weka, those are a bit complex. Weka cannot use its visualization power.

I would rate Weka a six out of ten. The visualization and statistical analysis need improvement..”

Kh.Ehsanur Rahman

Freelance Data Scientist at Freelancer

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“In a new machine learning job, if the method is a bit foreign to me, if I have to do it in R, it could be a tedious task. First, I need to identify the libraries required for the new methodology. This can involve identifying two, three, or even four libraries. Then, I need to read their manuals thoroughly. This is time-consuming.

In Weka, as all machine learning tools are on my desktop, I easily find out the method.

As a freelancer, people send me datasets, and I work on the statistics at home before providing the solution. When a solution needs to be implemented on a server, server programmers install it on the server. This is similar to [Power BI](#), where I prepare files on my desktop, and someone else uploads them to the server for others to access. I think I cannot send a Weka solution to a server programmer.

In Weka, anyone can run the program without being a programmer, which is a good feature since the entry cost is very low..”

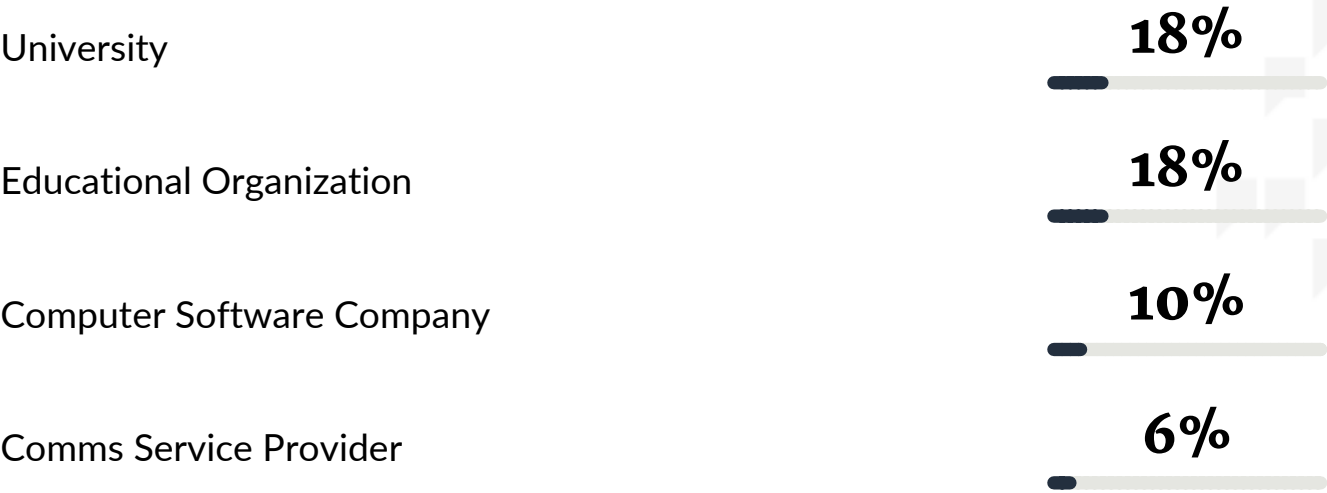
Xavier Suriol

Manager, Facilities at XS AMSAFIS DATASETS, S.L.

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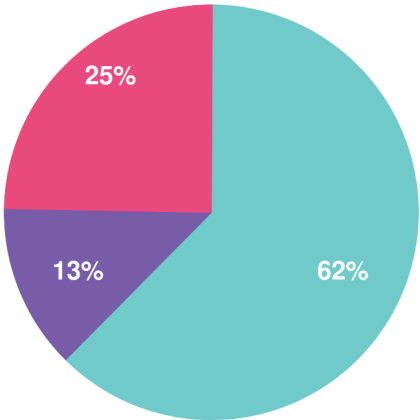
Top Industries

by visitors reading reviews

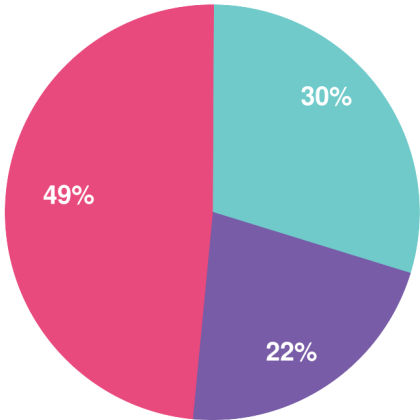




Company Size

by reviewers



by visitors reading reviews



 Large Enterprise  Midsized Enterprise  Small Business

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