Node.js

- Open source, free, cross-platform and it is a JavaScript on the server

- Asynchronous programming.

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| File Request | |
| PHP and ASP | Node.js |
| Sends task to the computer’s file system | Sends task to the computer’s file system |
| Waits while the file system opens and reads the files | Ready to handle the next request |
| Returns the content to the client |  |
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|  |  |
|  |  |

Gradient Boosted Machine

definition, explanation, how it works, example