**Terraform Cheat sheet**

Terraform is an open-source tool for provisioning, managing, and versioning infrastructure as code. It allows developers to define and manage infrastructure using high-level configuration files written in HashiCorp Configuration Language (HCL).

A Terraform cheatsheet is important for several reasons:

* Quick Reference: Terraform has a large number of commands and options, and a cheatsheet serves as a quick reference for the most commonly used commands and options.
* Increased Productivity: Having a Terraform cheatsheet readily available can increase productivity by reducing the time spent searching for information and commands.
* Consistency: A cheatsheet can help ensure consistency in the use of Terraform, making it easier to maintain and manage infrastructure.
* Onboarding: A Terraform cheatsheet can be a useful resource for new users, helping them to become familiar with the tool and its capabilities.
* Best Practices: A Terraform cheatsheet can include best practices and tips for using Terraform, making it a valuable resource for both new and experienced users.

| Command | Description |
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| terraform init | Initialize a Terraform working directory. |
| terraform plan | Generate an execution plan for Terraform. |
| terraform apply | Apply changes to infrastructure based on a Terraform plan. |
| terraform destroy | Destroy Terraform-managed infrastructure. |
| terraform show | Show the details of a Terraform plan or state file. |
| terraform output | Output the values of Terraform variables. |
| terraform graph | Show the dependencies between Terraform resources. |
| terraform taint | Force the recreation of a Terraform resource. |
| terraform state list | List all the Terraform resources of a specific type. |
| terraform state show | Show the details of a specific Terraform resource. |
| terraform state push | Save the current Terraform state to a file. |
| terraform state pull | Load a Terraform state from a file. |
| terraform state pop | Reset the Terraform state to its prior state. |
| terraform -debug | Run a Terraform command in debug mode. |
| terraform console | Run Terraform in an interactive mode. |
| terraform -dir | Run Terraform with a specific configuration directory. |
| terraform -backend-config | Run Terraform with a specific Terraform backend. |
| terraform -state | Run Terraform with a specific Terraform state file. |
| terraform -var-file | Run Terraform with a specific Terraform variable file. |
| terraform -var | Run Terraform with a specific Terraform var value. |
| terraform workspace select | Run Terraform with a specific Terraform workspace. |