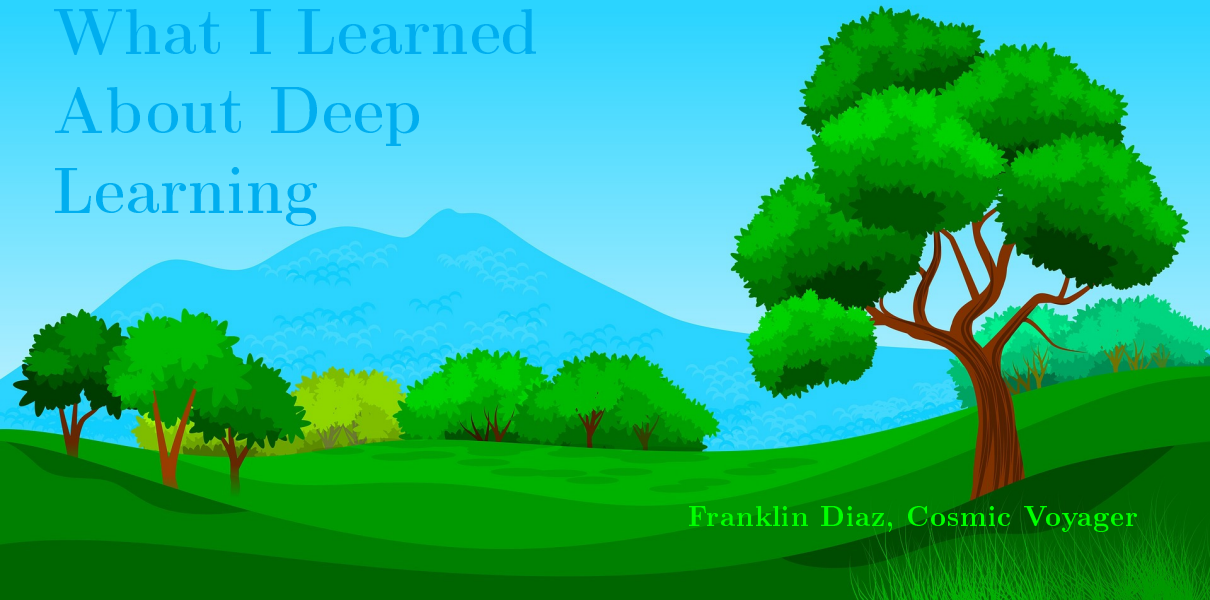


What I Learned About Deep Learning



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About Me

- This is an example of a list.
- Important business information.



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See What I can Do with All These Some Directed Graphs

- Adaptive labeling and processing of graph data
- What can we learn from link orientation?
- Try to understand all these cool looking math symbols.



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What Have I Gotten Myself Into?

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Yak Shaving, Side Quests, Endless Rabbit Holes

- Makefiles and GNU Autotools
- NVIDIA Jetson Nano as cluster nodes
- SLURM cluster scheduler
- OpenMPI for parallel builds
- Docker and Containers
- k8s and Rancher k3s
- Data Version Control dvc.org
- Storing/accessing data in GCP buckets
- Continuous Machine Learning cml.dev
- Internal PyPI and Debian/Raspbian mirror (used too much bandwidth on home connection)



Data Collection

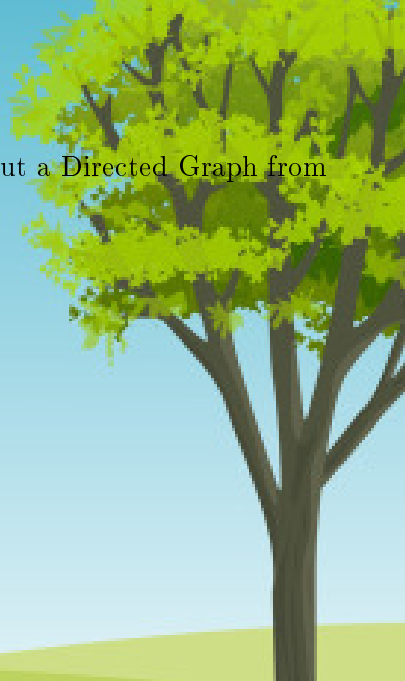
A big barrier to entry was removed by the ability to output a Directed Graph from Terraform.

```
# Generate a PNG from Terraform
```

```
terraform graph | dot -Tpng > graph.png
```

```
# Generate vector graphic from Terraform
```

```
terraform graph | dot -Tsvg -o graph.svg
```



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Figure:

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Sources and Citations

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