

# Log 2

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## Targets

- Set up Git Repository
- Be able to explain how AD works
- Write Julia scripts

## Accomplishments

- Learned pros/cons of forward mode and reverse mode AD
- Learned how the chain rule is used in AD
- Learned how reverse mode AD is used for computing gradients efficiently

## Questions

- How does AD work?
- Why is AD so efficient?
- How to implement AD?

## Goals

- Run through multiple examples forward and backwards
- Implement some form of AD in Julia