

Building Reproducible AI

"You wouldn't download a car?"

J. Setpal

October 6, 2022



Table of Contents

- ① Why it's Worth Your Time
- ② Package Management
- ③ Tracking Code
- ④ Tracking Data
- ⑤ Project Managment

Table of Contents

① Why it's Worth Your Time

② Package Management

③ Tracking Code

④ Tracking Data

⑤ Project Managment

ML as a Science

- Foundationally, Machine Learning is a beautiful clusterf*ck.

ML as a Science

- Foundationally, Machine Learning is a beautiful clusterf*ck.
- Proudly.



Imagine having to go debug that.

Table of Contents

- ① Why it's Worth Your Time
- ② Package Management
- ③ Tracking Code
- ④ Tracking Data
- ⑤ Project Managment

- Package managers are SAT solvers.

Table of Contents

- ① Why it's Worth Your Time
- ② Package Management
- ③ Tracking Code
- ④ Tracking Data
- ⑤ Project Managment

Table of Contents

- ① Why it's Worth Your Time
- ② Package Management
- ③ Tracking Code
- ④ Tracking Data
- ⑤ Project Managment

Table of Contents

- ① Why it's Worth Your Time
- ② Package Management
- ③ Tracking Code
- ④ Tracking Data
- ⑤ Project Managment

Death to Jupyter Notebooks

Module-Based Development

Thank you!

Have an awesome rest of your day!

Slides: <https://cs.purdue.edu/homes/jsetpal/slides/mlops.pdf>