

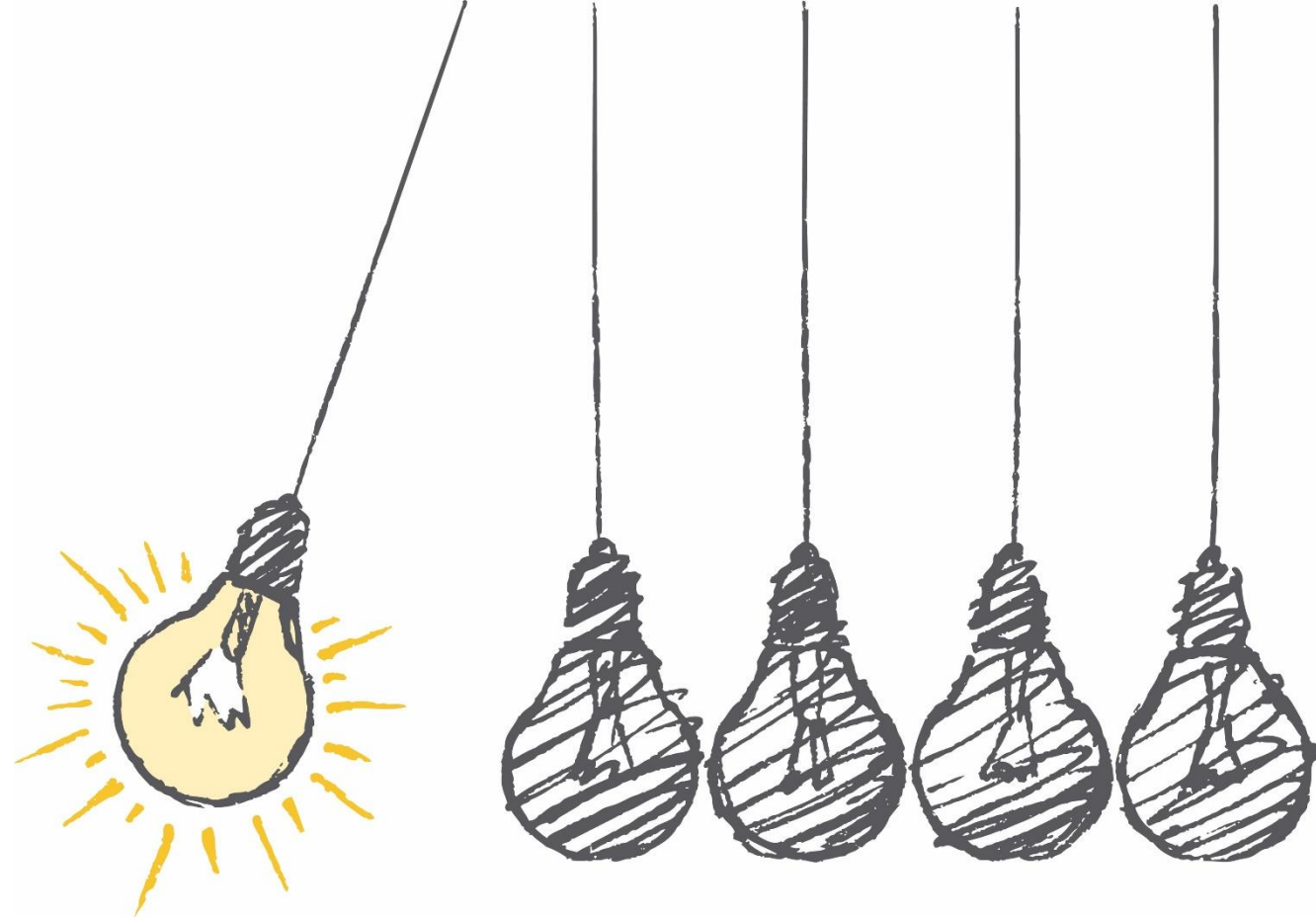
DIME

analytics

Disk Encryption

Hands-on VeraCrypt Sandbox

DIME Bootcamp – Data Security



WORLD BANK GROUP



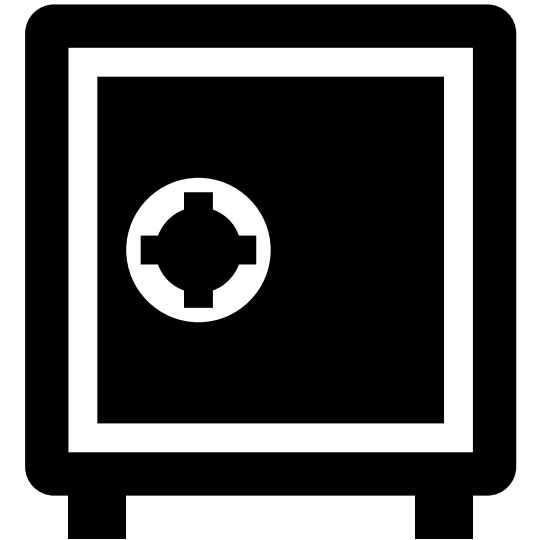
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Navigate to guidelines

- We will use the VeraCrypt guidelines on the DIME Standard Repo
- Two ways to find the guidelines:
 - Click on this link: <https://github.com/worldbank/dime-standards/blob/master/dime-research-standards/pillar-4-data-security/data-security-resources/veracrypt-guidelines.md>
 - Go to <https://github.com/worldbank/dime-standards> → click **dime-research-standards**, → **pillar-4-data-security** → **data-security-resources**, → click the VeraCrypt guidelines

Practice VeraCrypt in a test folder

- Install VeraCrypt following the guidelines
- Go through the rest of the guidelines and do the exercise in the end, but DO NOT do anything in your project folder yet
- Practice creating keys and saving them in LastPass
- This is your time to test that you master encryption with VeraCrypt before you do it on your project data and share on DropBox/email/WhatsApp etc.
- Create a data set in a secure folder and make sure you can run it from a do-file or an R-script. Start thinking about how you will have to update your master scripts.



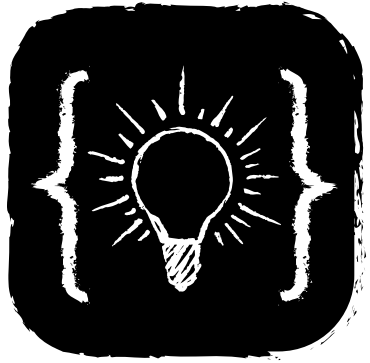
Feedback?

Any feedback before we start
doing this on real project data?

Thank you!

Questions?



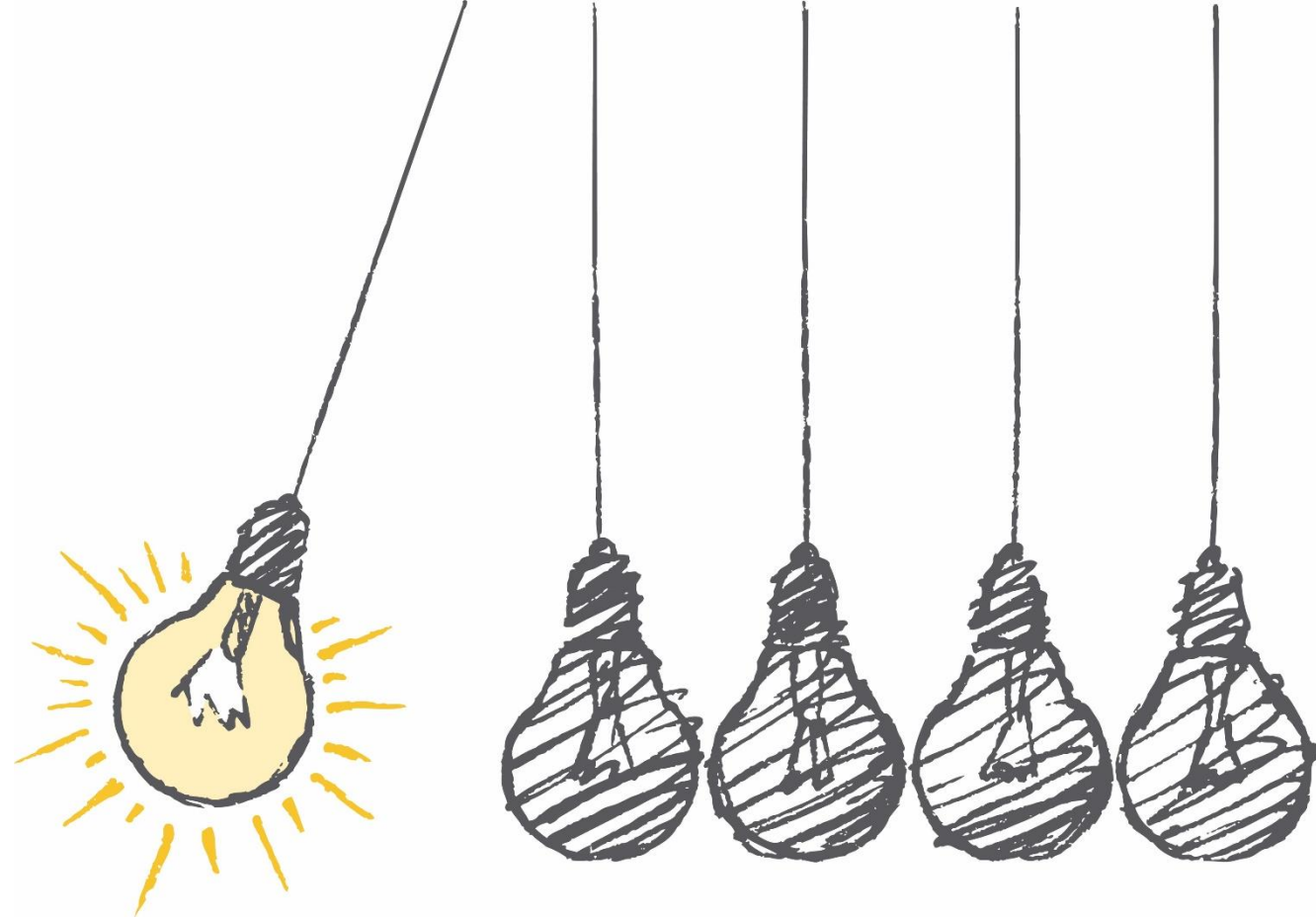


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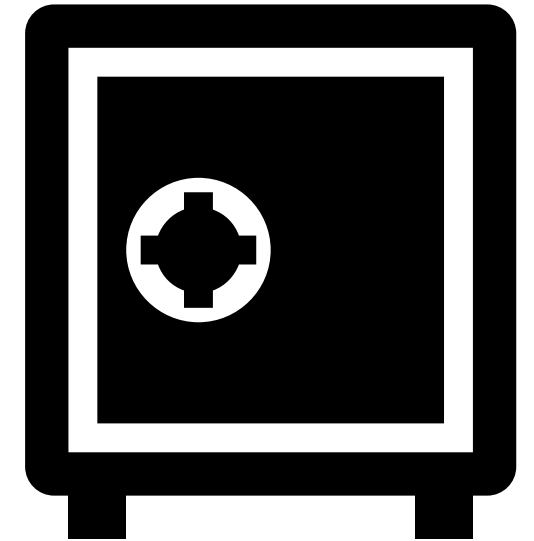
Hands-on VeraCrypt Project Data

DIME Bootcamp – Data Security



Use VeraCrypt to encrypt project data

- Before you get started:
 - Do you have a key your PI shared with you through LastPass? If not, make sure to speak to DIME Analytics first
 - Have you confirmed with you PI that the data is backed up to a non-shared non-synced OneDrive folder? If not, make sure to speak to DIME Analytics first
- Identify all folders with identifying data. Write a list of them and save that list on your computer.
- Create a secure folder next to each of those folders and then copy all of the content to the secure folder
- Open your master script and update it so that you can run it from the now encrypted files
- Now run your master script



Thank you!

Questions?

