

How to Find a Problem?

- Application-driven (Find a nail, then make a hammer)
 - Identify a need by people/users that cannot be satisfied well currently (“complaints” about current data/information management systems?)
 - How difficult is it to solve the problem?
 - No big technical challenges: do a startup
 - Lots of big challenges: write a research proposal
 - Identify one technical challenge as your topic
 - Formulate/frame the problem appropriately so that you can solve it
- Aim at a completely new application/function (find a high-stake nail)